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[www.sunbeltbuilders.com](http://www.sunbeltbuilders.com)

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## NEWTON COUNTY CENTRALIZED STORAGE FACILITY

M & DK Contractors  
5280 Webb Parkway  
Lilburn Ga 30047  
ph: 678-924-3608  
Eric Schaffer  
[eric@mdkcontracting.com](mailto:eric@mdkcontracting.com)

09-9100 Painting O&M



SHERWIN-WILLIAMS®

# Paint Maintenance Guide

*M & DK CONTRACTORS INC*

Presented To:  
**M&DK Contracting null**

Presented By:  
**Ted Bateman**  
SALES- Sales Representative PC Multi-Segment

+1 (404) 456-8805  
ted.a.bateman@sherwin.com

Products are available at:  
LILBURN  
4264 US HWY 29  
LILBURN, GA 30047 3428  
(770) 921-0845

January 28, 2026



**SHERWIN-WILLIAMS®**

**M & DK CONTRACTORS INC**  
**January 28, 2026**



**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Eg-Shel Extra  
White

**Product:**  
B20W12651

**Color:**  
SW7569 - Stucco

**Order #:**  
MS7337789A7021  
21

*Due to screen and print limitations, colors seen here may not accurately reflect painted colors. To confirm your color choices, visit your neighborhood Sherwin-Williams store*



**Description:**  
PI PRECAT EG EX  
WH

**Product:**  
K45W02151

**Color:**  
SW7569 - Stucco

**Order #:**  
OE0329291A7022  
98

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**Description:**  
PI PRECAT SG EX  
WH

**Product:**  
K46W02151

**Color:**  
SW7569 - Stucco

**Order #:**  
MS7337789A7021  
21

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**Description:**  
Pro Industrial  
Waterborne Acrylic  
Dryfall Ultradeep  
Flat

**Product:**  
B42T00081

**Color:**  
SW7047 -  
Porpoise

**Order #:**  
MS7359094A7021  
21

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**SHERWIN-WILLIAMS®**

**M & DK CONTRACTORS INC**  
**January 28, 2026**

**Description:**  
ProBlock® Interior  
Oil-Based Primer  
White

**Product:**  
B79W08810

**Color:**  
Custom - 7047  
PORPOISE

**Order #:**  
OE0560098A7021  
21

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**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Eg-Shel Ultradeep

**Product:**  
B20T02654

**Color:**  
SW7577 -  
Blackberry

**Order #:**  
MS7421497A7021  
21

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**Description:**  
PI PRECAT SG  
DEEP

**Product:**  
K46W01153

**Color:**  
SW7019 - Gauntlet  
Gray

**Order #:**  
MS7421497A7021  
21

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**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Semi-Gloss Extra  
White

**Product:**  
B31W02651

**Color:**  
-

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**SHERWIN-WILLIAMS®**

**M & DK CONTRACTORS INC**  
**January 28, 2026**



**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Eg-Shel Deep  
Base

**Product:**  
B20W02653

**Color:**  
SW9130 -  
Evergreen Fog

**Order #:**  
MS7764410A7021  
21

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**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Eg-Shel Deep  
Base

**Product:**  
B20W02653

**Color:**  
SW9140 - Blustery  
Sky

**Order #:**  
MS7764410A7021  
21

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**Description:**  
MW  
PERFORMANCE  
SERIE

**Product:**  
715000000

**Color:**  
SWMW451 -  
CANDLEWOOD


**Order #:**  
OE0570389A7021  
21

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# SHERWIN-WILLIAMS®


**M & DK CONTRACTORS INC**  
**January 28, 2026**

	<b>Description:</b> PrepRite® ProBlock® Interior/Exterior Latex Primer/Sealer White	<b>Product:</b> B51W00620
	<b>Color:</b> SW7664 - Steely Gray	<b>Order #:</b> OE0572765A7021 21


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	<b>Description:</b> A100 EX FL EW	<b>Product:</b> A06W00351
	<b>Color:</b> SW7664 - Steely Gray	<b>Order #:</b> OE0572765A7021 21

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	<b>Description:</b> PM 200 0 FL EXTRA	<b>Product:</b> B30W12651
	<b>Color:</b> SW7664 - Steely Gray	<b>Order #:</b> OE0324124A7022 98

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	<b>Description:</b> PI PRECAT SG EX WH	<b>Product:</b> K46W02151
	<b>Color:</b> SW7664 - Steely Gray	<b>Order #:</b> OE0324453A7022 98

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**SHERWIN-WILLIAMS®**

**M & DK CONTRACTORS INC**  
**January 28, 2026**

**Description:**  
Pro Industrial DTM  
Acrylic Semi-Gloss  
Ultradeep Base

**Product:**  
B66T01154

**Color:**  
Custom -  
NEWTON CO  
BURNISHED  
SLATE MATCH

**Order #:**  
OE0573925A7021  
21

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**Description:**  
PM 200 0 FL  
EXTRA

**Product:**  
B30W12651

**Color:**  
SW7007 - Ceiling  
Bright White

**Order #:**  
MS8291086A7021  
21

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**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Eg-Shel Extra  
White

**Product:**  
B20W12651

**Color:**  
Custom - 7007  
CEILING BRIGHT  
WHITE

**Order #:**  
OE0582795A7021  
21

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**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Eg-Shel Deep  
Base

**Product:**  
B20W02653

**Color:**  
SW6958 - Dynamic  
Blue

**Order #:**  
OE0581387Q7021  
21



**SHERWIN-WILLIAMS®**

**M & DK CONTRACTORS INC**  
**January 28, 2026**

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**Description:**

ProMar® 200 Zero VOC Interior Latex  
Eg-Shel Extra  
White

**Product:**

B20W12651

**Color:**

SW9051 -  
Aquaverde

**Order #:**

OE0585316A7021  
21

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**SHERWIN-WILLIAMS®**

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**January 28, 2026**



**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Eg-Shel Extra  
White

**Product:**  
B20W12651

**Color:**  
SW6507 -  
Resolute Blue

**Order #:**  
OE0585316A7021  
21

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**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Eg-Shel Deep  
Base

**Product:**  
B20W02653

**Color:**  
SW6796 - Blue  
Plate

**Order #:**  
OE0585316A7021  
21

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**Description:**  
Minwax®  
Indoor/Outdoor  
Helmsman® Spar  
Urethane Varnish  
Semi-Gloss Clear

**Product:**  
013210000

**Area:**  
Sealer

**Color:**  
-

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**Description:**  
Minwax®  
Polycrylic® Water-  
Based Protective  
Finish Satin Clear

**Product:**  
013333000

**Area:**  
Sealer

**Color:**  
-



# SHERWIN-WILLIAMS®

**M & DK CONTRACTORS INC**  
**January 28, 2026**

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**Description:**  
ProMar® 200 Zero  
VOC Interior Latex  
Eg-Shel Deep  
Base

**Product:**  
B20W02653

**Color:**  
Custom - DARK  
GOLD MATCH

**Order #:**  
OE0330160Q7022  
98

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**Description:**  
MW TINT OIL  
CLEAR BA

**Product:**  
815000000

**Area:**  
Stain

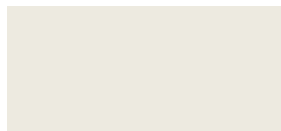
**Color:**  
WW451 -

**Order #:**  
OE0330159A7022  
98

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**Description:**  
PI PRECAT SG EX WH

**Product:**  
K46W02151

**Color:**  
SW7008 -  
Alabaster

**Order #:**  
OE0330558A7022  
98

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*SHERWIN-WILLIAMS®*

# Reference Pages



**SHERWIN-WILLIAMS**

## **Care and Cleaning of Interior and Exterior Coatings**

### **Background:**

Establish procedures to maintain and clean interior and exterior painted substrates. To assure maximum washability and durability, wait at least two weeks before washing the dry paint film. Exterior coatings typically are very soft and flexible to allow for expansion and contraction of the coating during changes of temperature. Any hard scrubbing of standard exterior coatings is likely to damage the film. To clean and maintain the interior and exterior surfaces, we recommend these procedures.

### **Concentrated Cleaners, Liquid or Dry:**

- Read all the package directions before using. It is always recommended to test any cleaner on a small, inconspicuous area prior to use.
- Mix or dilute the cleaner per package instructions. Solution strength may be adjusted depending on amount and type of soil.
- Remove any heavy debris and contaminants.
- Using a sponge or cloth, wash surface dirt and marks.
- Do not allow the cleaner to dry on the surface.
- Always clean from the bottom of a wall to the top.
- Rinse the surface thoroughly.
- Repeat if necessary.

### **Premixed Spray Cleaners:**

- Read all the package directions before using. It is always recommended to test any cleaner on a small, inconspicuous area prior to use.
- Turn spray nozzle to desired spray pattern. (Open with nozzle facing away from you.)
- Remove any heavy debris and contaminants.
- Apply the cleaner to the dirt and marks; apply just enough to wet the area.
- Using a damp sponge or cloth, wipe to remove the surface dirt and marks and any excess cleaner. For difficult stains, some scrubbing may be necessary.
- Do not allow the cleaner to dry on the surface.
- If recommended on the cleaner package, rinse the surface thoroughly.
- Repeat if necessary.
- Return spray nozzle to the closed position.

### **Cautions:**

- Thoroughly read and understand all the label cautions prior to using any cleaner.
- Be sure that the cleaner is appropriate for the dirt/contamination.
- Do not mix together any cleaning compounds containing bleach and ammonia.
- Abrasive cleansers may damage a paint film, use very carefully.
- Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions would be advised.

### **WARNING!**

- Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.



**SHERWIN-WILLIAMS**

## Care and Cleaning of Interior and Exterior Coatings

### The Sherwin-Williams Company Cleaning Products

**SuperDeck® Deck Wash** is designed to bring back the fresh, natural look of your deck. Enjoy the self-working, no scrub formulation. This product is an excellent choice to restore your surface or to use as a pretreatment for staining, preserving, or sealing. Use on decks and outdoor furniture made of pressure treated wood, cedar, pine, and most other woods. This product is intended for exterior use only.

**SuperDeck® Stain & Sealer Remover** is specifically designed to remove most semi-transparent and weathered solid latex and oil-based stains from decks and other exterior wood. SuperDeck Stain & Sealer Remover allows you to change the color of your deck or siding by restoring the natural beauty of the wood. SuperDeck Stain & Sealer Remover can be used on most exterior wood surfaces such as decks, siding and fences and will remove the following stains and finishes:

- Polyurethane and some weathered latex paint.
- Oil-based toners, semi-transparent, and weathered solid stains.
- Water-based toners, semi-transparent, and weathered stain.
- Water-reducible toners, semi-transparent and weathered solid stains.
- Old, weathered, clear protective finishes.

SuperDeck Stain & Sealer Remover will restore color to severely weathered and discolored wood.

**SuperDeck® Revive® Deck & Siding Brightener** is a fast-acting, ready-to-use cleaner specially formulated for cedar, redwood and other highly resinous exterior woods as well as dense woods such as mahogany. Due to the chemical characteristics of these types of woods, traditional cleaners can leave the surface with an unnatural, darkened appearance. SuperDeck Revive Deck & Siding Brightener will help remove dirt and unsightly stains caused by mildew and algae, gray and weathered wood, tannin bleed and nail bleed as well as stubborn mill glaze (a surface barrier to wood coatings found on most newly installed cedar and redwood) and restore the surface to its bright, clean natural look. SuperDeck Revive Deck & Siding Brightener can be used on any new or existing exterior structure including wood decks, fences, siding, shakes, shingles, boat docks, boardwalks, outdoor furniture, picnic tables, hot tubs, planters, benches, trellises and gazebos.

**H&C Concrete Etching Solution** is a phosphoric acid-based etcher that has been developed to acid etch concrete surfaces before applying H&C Silicone Acrylic Concrete Sealer, H&C Shield Plus Concrete Stain, and other coatings. Uses: • Basement floors and walls • Garage floors, carports and driveways • Porches, patios, walkways, steps • Swimming pool aprons • Recreation areas • Parking structures and parking lots • Retaining walls • Containment areas • Tilt-up construction • Removes efflorescence (alkali salts) • Reduces the pH of new concrete and new mortar joints.

**H&C Degreaser** is a concentrated heavy-duty cleaner that will remove most automotive fluids (oil, grease, brake fluid, transmission fluid, gear fluid and antifreeze) from concrete and masonry surfaces. Its primary use is to degrease and prepare concrete, block, brick, and masonry. Features: • Removes grease and oil stains • Prepares surfaces for paints, stains, and sealers • Increases any coating's ability to bond with the surface by providing a clean substrate Recommended Uses: • Stadium Supports • Bridges and Bridge Structures • Parking Garages • Patios and Walkways • Pool Decks • Concrete Driveways • Garage Floors • Block & Stucco Walls • Athletic/Tennis/Shuffleboard Courts • Other Concrete Surfaces • Use prior to etching



**SHERWIN-WILLIAMS.**

## **BASICS OF TOUCH-UP**

Often a painted area needs repair. Usually the damaged area is small and is repaired using a brush and roller. The art of repair is called "touching up" and there are many problems in making the repair as invisible as possible. Prerequisites for achieving good "touch-up" are that the paint be of the same color as the original, from the same manufacturer, from the same batch of paint and, ideally, from the same can, and that the area to be repaired has the same texture and appearance of the surrounding area.

If the "touch-up" patch is visible under all illumination conditions then it is poorly done; if one must search for it, then the "touch-up" is good.

### **COMPONENTS OF "TOUCH-UP"**

Touch-up complaints are often not specific about what aspect makes the repair visible. In fact, there are three separate and identifiable components that can be included in a "touch-up" problem. All three components contribute to the visibility of the repair and stem from the use of different application techniques for the original paint and the repair. Usually a brush repair over an airless sprayed original will be very visible. Most of the following comments concern that situation, but they can also be applied to other combinations. On some jobs one problem may be visible, on others they may occur in combinations. It is much easier to understand the cause of the poor "touch-up" if the problem components are identified.

#### **1. "HALO"**

Halo's are created at the edge of the repair by tendrils of paint left by the brush as it enters and exits the area around the patch. Human eyes are very good at determining texture changes and are thus very sensitive to touch-up and "halo" in particular. The texture is more raised in these areas than the main part of the repair, so they produce shadows when illuminated from the far side and reflect light back to the observer when illuminated from the same side.

A painter can make the situation worse by attempting to feather the repair excessively. This creates more edge texture. Halo is diminished if the paint spreads smoothly and continuously over the original layer. If the repair paint thickens in viscosity rapidly as it is spread then it will not level well and the texture at the edge will be especially bad. Thus patching over porous paint, e.g. a flat paint, is more likely to cause a "halo" problem. In the field the "halo" problem may be alleviated by stippling with a brush or otherwise trying to duplicate the texture of the original. Diluting the repair paint by 10-15% may help by accommodating the wicking problem.

#### **2. DIFFERENT SHEEN**

This part of the "touch up" problem is noticed as a difference over the whole repair patch particularly at oblique angles. The patch appears either shiny or dull compared to the background. The effect may be accompanied by a "halo".

Features larger than three mil, e.g. brush marks, roller stipple etc., produce shadowing or reflections like the "halo", but not a change in sheen. Sheen differences are due to changes in the way the light is scattered from smaller features, i.e., roughness, in the paint surface. The shape and the arrangement of the paint ingredients are what determine this. Changes in surface roughness are most visible at grazing angles of observation and illumination. This is often the way that poor touch-ups are first noticed. Drying conditions and application technique are important factors in determining surface roughness. Although paint can be formulated to minimize their importance, sheen differences may be seen when the original paint and the repair paint are applied differently or under widely different temperature and/or humidity conditions.

#### **3. COLOR DEVELOPMENT**

This problem is much less likely to occur than the other two types of touch-up problem. It most often appears as a difference in the depth of the color rather than a color shift, and can be seen at almost any angle of observation, but particularly near the perpendicular (90° angle) in contrast to the "halo" and "sheen" components above.

Changes in the way light is scattered from within the body of the paint film are most visible straight on for both observation and illumination. Poor color touch-up results from differences in pigment particle separation caused by the differences in application techniques, e.g. brush vs. airless spray. Airless spraying inputs a very great deal of energy into paint and disperses pigment very well. Brushing or rolling shear-rates are two to three orders of magnitude less severe and may not disperse paint components in the same way.

*Reprinted from The Sherwin-Williams Materials Science R&D 1991, edited August 2008*

## **Data Pages**

# ProMar® 200 Zero V.O.C. Interior Latex Eg-Shel B20-Series


**SHERWIN  
WILLIAMS.**

## CHARACTERISTICS

**ProMar® 200 Zero V.O.C. Interior Latex Eg-Shel** is a durable, professional quality, interior vinyl acrylic finish for use on walls, ceilings, and trim of primed plaster, wallboard, wood, masonry, and primed metal.

**Color:** Most Colors  
To optimize hide and color development, always use the recommended P-Shade primer.

**Coverage:** 350-400 sq. ft. per gallon  
@ 4 mils wet  
1.7 mils dry

**Drying Time, @ 77° F, 50% RH:**  
Touch: 1 Hour  
Recoat: 4 Hours  
Drying and recoat times are temperature, humidity, and film thickness dependent.

**Finish:** 15-20 units @ 85°  
5+ units @ 60°

### **Tinting with CCE:**

Base:	oz. per gallon:	Strength:
High Ref White	0-6	SherColor
Extra White	0-7	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-12	SherColor
Real Red	0-12	SherColor
Bright Yellow	0-12	SherColor
Dover White		<b>Do Not Tint</b>

### **Extra White B20W12651**

(may vary by color)

### **V.O.C. (less exempt solvents):**

Less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 42 ±2%

**Weight Solids:** 54 ±2%

**Weight per Gallon:** 10.81 lbs

**Flash Point:** N.A.

**Vehicle Type:** Vinyl Acrylic

**Shelf Life:** 36 months, unopened

**WVP Perms (US):** 54.19 grains/(hr ft<sup>2</sup> in Hg)

### **Anti-microbial**

This product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.

## COMPLIANCE

As of 03/03/2025, Complies with:

<b>OTC</b>	Yes
<b>OTC Phase II</b>	Yes
<b>S.C.A.Q.M.D.</b>	Yes
<b>CARB</b>	Yes
<b>CARB SCM 2007</b>	Yes
<b>CARB SCM 2020</b>	Yes
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	Yes
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	Yes
<b>EPD-NSF® Certified</b>	Yes
<b>MIR-Manufacturer Inventory</b>	Yes
<b>MPI®</b>	#52, 52 X-Green®

## APPLICATION

Apply at temperatures above 50°F  
No reduction needed.

### **Brush:**

Use a nylon-polyester brush such as Purdy® Clearcut®.

### **Roller:**

Use a 3/8 to 3/4 inch nap synthetic cover such as Purdy® White Dove™.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [Sherwin-williams.com](http://Sherwin-williams.com)

### **Spray - Airless:**

Pressure 2000 p.s.i.  
Tip .017-.021 inch

## APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Priming and application of two coats at the recommended film thickness can help where hiding of a previous coating or application to new drywall is a factor.

Using the same method of application and batch to touch up with as that originally used will help improve touch up.

When original application was by spray, preconditioning of touch up paint by running it through the spray tip will help touch up appearance.

## SPECIFICATIONS

### **Block:**

1 coat ConFlex Block Filler\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Drywall:**

1 coat ProMar 200 Zero V.O.C. Latex Primer  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Masonry:**

1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Plaster:**

1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Wood:**

1 coat Premium Wall & Wood Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

\*These primers contain less than 50 grams per litre V.O.C.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.



# ProMar<sup>®</sup> 200 Zero V.O.C. Interior Latex Eg-Shel

## SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a **NIOSH**-approved respirator to control lead exposure. Clean up carefully with a **HEPA** vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at **1-800-424-LEAD** or log on to **www.epa.gov/lead**.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

### **Caulking:**

Gaps between walls, ceiling, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

### **Drywall:**

Fill cracks and holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

### **Masonry, Concrete, Cement, Block:**

All new surfaces must be cured according to the supplier's recommendations – usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

## SURFACE PREPARATION

### **Mildew:**

Clean mildew from the Surface: Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

### **Plaster:**

Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

### **Wood:**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

## CAUTIONS

For interior use only.  
Protect from freezing.  
Non-Photochemically reactive.

Before using, carefully read **CAUTIONS on label**.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 03/03/2025 B20W12651 34 0  
FRC, SP

## CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**Pro Industrial™****Pre-Catalyzed Waterbased Epoxy Eg-Shel**

K45-2150 Series

**SHERWIN  
WILLIAMS.****CHARACTERISTICS**

**Pro Industrial Pre-Catalyzed Waterbased Eg-Shel Epoxy** is a single-component pre-catalyzed waterborne acrylic epoxy that offers the adhesion, durability and resistance to stains and most cleaning solvents usually characteristic of two-component waterborne acrylic epoxy products.

This product can be applied over a wide variety of primers on properly prepared interior metal, wood, masonry, plaster and drywall.

**Features :**

- Interior institutional - commercial high maintenance areas
- Upgrade surfaces painted with conventional coatings
- High performance protection system with excellent adhesion
- Chemical resistant
- Institutional dining and kitchen areas, Hospitals and Schools
- Suitable for use in USDA inspected facilities

**For use on properly prepared:** Steel, Galvanized & Aluminum, Concrete and Masonry, Wood and Drywall.

**Finish:** 15-25 units @ 60°  
28-38 units @ 85°

**Color:** Most Colors

**Recommended Spreading Rate per coat:**

Wet mils: 4.0  
Dry mils: 1.5  
Coverage: 400 sq. ft. per gallon  
Theoretical Coverage: 593 sq. ft. per gallon @ 1 mil dry

**Note:** Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

**Drying Schedule @ 4.0 mils wet, @ 50% RH:**  
Drying and recoat times are temperature, humidity, and film thickness dependent.

**@77°F**  
**To touch** 1 hour  
**To recoat** 8 hours  
**Maximum recoat\*** 72+ hours  
**Full dry** 5-7 days

\*If this product dries 72 hours or longer it must be sanded before it is recoated.

**Tinting with CCE only: Use SherColor Formulation System**

**Extra White K45W02151**

**V.O.C. (less exempt solvents):**

less than 50 grams per litre; 0.42 lbs. per gallon

As per 40 CFR 59.406

**Volume Solids:** 37 ±2%  
**Weight Solids:** 53 ±2%  
**Weight per Gallon:** 10.77 lbs  
**Flash Point:** N.A.  
**Vehicle Type:** Acrylic Epoxy  
**Shelf Life:** 36 months, unopened

**Anti-microbial:**

This coating contains agents which inhibit the growth of mold and mildew on the surface of this coating film.

**COMPLIANCE**

As of 12/04/2024, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	Yes

**APPLICATION**

**Temperature:**  
minimum 50°F  
maximum 120°F  
air, surface and material  
At least 5°F above dew point

**Relative humidity:** 85% maximum  
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** Not Recommended

**Airless Spray:**

Pressure 1800-2700 p.s.i.  
Hose ¼ inch I.D.  
Tip .015-.021 inch  
Filter 60 mesh

**Reduction:** Not Recommended

**Brush:** Nylon-polyester

**Roller Cover:** 1/4-1/2 inch woven

If specific application equipment is listed above, equivalent equipment may be substituted.

Make sure product is completely agitated (mechanically or manually) before use.

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

Not for use on surfaces continuously wet or under water, such as bathtubs, sinks, showers, or countertops. Not of use on floors.

**SPECIFICATIONS****Steel:**

1 coat Pro Industrial Pro-Cryl Primer or Kem Bond HS  
2 coats Pro Industrial Pre-Cat Epoxy

**Aluminum:**

1 coat Pro Industrial Pro-Cryl Primer  
2 coats Pro Industrial Pre-Cat Epoxy

**Concrete Block (CMU):**

1 coat Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfer  
2 coats Pro Industrial Pre-Cat Epoxy

**Concrete-Masonry:**

1 coat Loxon Concrete & Masonry Primer or 1 coat Loxon Conditioner  
2 coats Pro Industrial Pre-Cat Epoxy

**Drywall:**

1 coat ProMar 200 Zero V.O.C. Primer  
1-2 coats Pro Industrial Pre-Cat Epoxy

**Galvanizing:**

1 coat Pro Industrial Pro-Cryl Primer  
2 coats Pro Industrial Pre-Cat Epoxy

**Wood, Interior:**

1 coat Premium Wall & Wood Primer  
2 coats Pro Industrial Pre-Cat Epoxy

The systems listed above are representative of the product's use. Other systems may be appropriate.

# Pro Industrial™

## Pre-Catalyzed Waterbased Epoxy Eg-Shel

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting: US - National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

#### **Do not use hydrocarbon solvents for cleaning.**

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Iron & Steel** - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Prime the area the same day as cleaning.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2. Prime the area the same day as cleaned.

**Concrete Block** - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 50°F (10°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

**Masonry** - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

**Wood** - Surface must be clean, dry, and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked. Sand to remove any loose or deteriorated surface wood and to obtain a proper surface profile.

**Drywall** - Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust. Prime the area the same day as cleaned.

### SURFACE PREPARATION

**Previously Painted Surface** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Mildew** - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

### PERFORMANCE

Extra White K45W02151

**System Tested:** (unless otherwise indicated)

**Substrate:** Steel

**Surface Preparation** SSPC-SP6

**Finish:** 1 coat Pro Industrial Pro-Cryl  
1 coat Pro Industrial Pre-Cat Epoxy

**Adhesion:** Darker colors require longer cure time for same level of adhesion.

**Method:** ASTM D3359  
**Result:** 5B

**Pencil Hardness:**

**Method:** ASTM D3363  
**Result:** 2B

**Dry Heat Resistance:**

**Method:** ASTM D2485  
**Result:** 250°F

**Scrub Resistance:**

**Based on Method:** ASTM D2486  
**Result:** 365-640 cycles

**Water Vapor Permeance (US):**

**Method:** ASTM D1653  
**Result:** 14.51 grains/(hr ft<sup>2</sup> in Hg)

**Block Resistance:**

**Method:** 7 day cure @ 3 mils D.F.T.  
**Result:** Lab assessment  
Excellent

**Chemical Resistance Rating:**

**(1 hour direct exposure to dry film 28 day cure)**

Distilled water room temperature - Excellent

Ethanol - Good

10% Acetic Acid - Excellent

25% Sodium Hydroxide - Excellent

50% Sulfuric Acid - Excellent

5% Phosphoric Acid - Excellent

10% Hydrochloric Acid - Excellent

Methanol - Good

\*Motor oil / Vegetable oil - Excellent

\*Mineral Spirits - Excellent

\*2 hour exposure

**Stain Resistance Rating:**

**(1 hour direct exposure to dry film 4 day cure)**

Mustard - Excellent Grape Juice - Excellent

Red Crayon - Excellent Lipstick, Red - Limited

Ink - Limited Coffee - Excellent

Tea - Excellent Ketchup - Excellent

### SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label.

Refer to the Safety Data Sheets (SDS) before use.

#### **FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**HOTW 12/04/2024 K45W02151 10 26**  
**FRC**

**Pro Industrial™****Pre-Catalyzed Waterbased Epoxy Semi-Gloss**

K46-1150/2150 Series

**SHERWIN  
WILLIAMS.****CHARACTERISTICS**

**Pro Industrial Pre-Catalyzed Waterbased Semi-Gloss Epoxy** is a single-component pre-catalyzed waterborne acrylic epoxy that offers the adhesion, durability and resistance to stains and most cleaning solvents usually characteristic of two-component waterborne acrylic epoxy products.

This product can be applied over a wide variety of primers on properly prepared interior metal, wood, masonry, plaster and drywall.

**Features :**

- Interior institutional - commercial high maintenance areas
- Upgrade surfaces painted with conventional coatings
- High performance protection system with excellent adhesion
- Chemical resistant
- Institutional dining and kitchen areas, Hospitals and Schools
- Suitable for use in USDA inspected facilities

**For use on properly prepared:** Steel, Galvanized & Aluminum, Concrete and Masonry, Wood and Drywall.

**Finish:** 48-58 units @ 60°  
69-79 units @ 85°

**Color:** Most Colors

**Recommended Spreading Rate per coat:**

Wet mils: 4.0  
Dry mils: 1.4  
Coverage: 400 sq. ft. per gallon  
Theoretical Coverage: 545 sq. ft. per gallon @ 1 mil dry

**Note:** Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

**Drying Schedule @ 4.0 mils wet, @ 50% RH:**

Drying and recoat times are temperature, humidity, and film thickness dependent.

**@77°F**  
**To touch** 1 hour  
**To recoat** 8 hours  
**Maximum recoat\*** 72+ hours  
**Full dry** 5-7 days

\*If this product dries 72 hours or longer it must be sanded before it is recoated.

**Tinting with CCE only: Use SherColor Formulation System****Extra White K46W02151****V.O.C. (less exempt solvents):**

less than 50 grams per litre; 0.42 lbs. per gallon

As per 40 CFR 59.406

**Volume Solids:** 35 ±2%  
**Weight Solids:** 49 ±2%  
**Weight per Gallon:** 10.38 lbs  
**Flash Point:** N.A.  
**Vehicle Type:** Acrylic Epoxy  
**Shelf Life:** 36 months, unopened

**Anti-microbial:**

This coating contains agents which inhibit the growth of mold and mildew on the surface of this coating film.

**COMPLIANCE**

As of 12/04/2024, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	Yes

**APPLICATION**

**Temperature:**  
minimum 50°F  
maximum 120°F  
air, surface and material  
At least 5°F above dew point

**Relative humidity:** 85% maximum  
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** Not Recommended

**Airless Spray:**

Pressure 1800-2700 p.s.i.  
Hose ¼ inch I.D.  
Tip .015-.021 inch  
Filter 60 mesh

**Reduction:** Not Recommended

**Brush:** Nylon-polyester

**Roller Cover:** 1/4-1/2 inch woven

If specific application equipment is listed above, equivalent equipment may be substituted.

Make sure product is completely agitated (mechanically or manually) before use.

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

Not for use on surfaces continuously wet or under water, such as bathtubs, sinks, showers, or countertops. Not of use on floors.

**SPECIFICATIONS****Steel:**

1 coat Pro Industrial Pro-Cryl Primer or Kem Bond HS  
2 coats Pro Industrial Pre-Cat Epoxy

**Aluminum:**

1 coat Pro Industrial Pro-Cryl Primer  
2 coats Pro Industrial Pre-Cat Epoxy

**Concrete Block (CMU):**

1 coat Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfer  
2 coats Pro Industrial Pre-Cat Epoxy

**Concrete-Masonry:**

1 coat Loxon Concrete & Masonry Primer or 1 coat Loxon Conditioner  
2 coats Pro Industrial Pre-Cat Epoxy

**Drywall:**

1 coat ProMar 200 Zero V.O.C. Primer  
1-2 coats Pro Industrial Pre-Cat Epoxy

**Galvanizing:**

1 coat Pro Industrial Pro-Cryl Primer  
2 coats Pro Industrial Pre-Cat Epoxy

**Wood, Interior:**

1 coat Premium Wall & Wood Primer  
2 coats Pro Industrial Pre-Cat Epoxy

The systems listed above are representative of the product's use. Other systems may be appropriate.



# Pro Industrial™

## Pre-Catalyzed Waterbased Epoxy Semi-Gloss

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting: US - National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

#### **Do not use hydrocarbon solvents for cleaning.**

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Iron & Steel** - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Prime the area the same day as cleaning.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2. Prime the area the same day as cleaned.

**Concrete Block** - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 50°F (10°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

**Masonry** - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

**Wood** - Surface must be clean, dry, and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked. Sand to remove any loose or deteriorated surface wood and to obtain a proper surface profile.

**Drywall** - Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust. Prime the area the same day as cleaned.

### SURFACE PREPARATION

**Previously Painted Surface** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Mildew** - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

### PERFORMANCE

Extra White K46W02151

**System Tested:** (unless otherwise indicated)

**Substrate:** Steel

**Surface Preparation** SSPC-SP6

**Finish:** 1 coat Pro Industrial Pro-Cryl  
1 coat Pro Industrial Pre-Cat Epoxy

**Adhesion:** Darker colors require longer cure time for same level of adhesion.

**Method:** ASTM D3359  
**Result:** 4B

**Pencil Hardness:**

**Method:** ASTM D3363  
**Result:** 2B

**Dry Heat Resistance:**

**Method:** ASTM D2485  
**Result:** 250°F

**Scrub Resistance:**

**Based on Method:** ASTM D2486  
**Result:** 330-575 cycles

**Water Vapor Permeance (US):**

**Method:** ASTM D1653  
**Result:** 13.68 grains/(hr ft<sup>2</sup> in Hg)

**Block Resistance:**

**Method:** 7 day cure @ 3 mils D.F.T.  
**Result:** Lab assessment  
Excellent

**Chemical Resistance Rating:**

**(1 hour direct exposure to dry film 28 day cure)**

Distilled water room temperature - Excellent

Ethanol - Good

10% Acetic Acid - Excellent

25% Sodium Hydroxide - Excellent

50% Sulfuric Acid - Excellent

5% Phosphoric Acid - Excellent

10% Hydrochloric Acid - Excellent

Methanol - Good

\*Motor oil / Vegetable oil - Excellent

\*Mineral Spirits - Excellent

\*2 hour exposure

**Stain Resistance Rating:**

**(1 hour direct exposure to dry film 4 day cure)**

Mustard - Excellent Grape Juice - Excellent

Red Crayon - Excellent Lipstick, Red - Limited

Ink - Limited Coffee - Excellent

Tea - Excellent Ketchup - Excellent

### SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label.

Refer to the Safety Data Sheets (SDS) before use.

#### **FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**HOTW 12/04/2024 K46W02151 09 28**  
**FRC**

**Pro Industrial™****Waterborne Acrylic Dryfall Flat**

B42W02181 White, B42B00181 Black, B42T00081 Ultradeep

**SHERWIN  
WILLIAMS.****CHARACTERISTICS**

**Pro Industrial™ Waterborne Acrylic Dryfall Flat** is designed for professional airless spray application to interior ceilings and wall areas that are not subject to wear. With proper height-clearance, overspray is dry before it settles on floors, machinery or equipment. The dry overspray can then be easily removed by sweeping or by vacuum.

The bright, full-hiding, white can help increase an area's lighting efficiency.

**Features :**

- Overspray cleans up easily
- Provides good adhesion to Vulcraft® decking\*
- White - Light Reflectance 87%
- Flash Rust Resistant
- Suitable for use in USDA inspected facilities

**For use on properly prepared:** Structural Steel, Galvanized Metal, Drywall and Plaster, Concrete and Masonry, Wood and fully cured Spray Foam Insulation\*\*.

**Recommended for use in:** Warehouses, Industrial, commercial, and institutional buildings, Textile mills, Manufacturing facilities, Gymnasiums, Parking garage ceilings not exposed to direct weathering.

**Finish:** 0-10 units @ 85°  
**Color:** White  
**Recommended Spreading Rate per coat (White):** 6.0-9.0  
**Wet mils:** 1.9-2.9  
**Dry mils:** 176-270 sq. ft. per gallon  
**Coverage:** Theoretical Coverage: 513 sq. ft. per gallon @ 1 mil dry  
 Approximate spreading rates are calculated on volume solids and do not include any application loss.

**Drying Schedule @ 7.0 mils wet, @ 50% RH:**  
 Drying and recoat times are temperature, humidity, and film thickness dependent. Dry fall characteristics will be affected at temperatures below 77°F(25°C) or above 50% RH.

<b>White &amp; Black:</b>	<b>@55°F</b>	<b>@77°F</b>	<b>@110°F</b>
To touch	1 hour	20 min.	15 min.
To handle	1.5 hour	45 min.	30 min.
To recoat	2 hours	1 hour	1 hour
To cure	1 day	3 hours	2 hours
Dry Fall out	15 ft.	10 ft.	10 ft.
<b>Ultradeep:</b>	<b>@55°F</b>	<b>@77°F</b>	<b>@110°F</b>
To touch	45 min.	30 min.	20 min.
To handle	1 hour	45 min.	30 min.
To recoat	2 hours	1 hour	1 hour
To cure	2 days	4 hours	3 hours
Dry Fall out	10-20 ft.	10 ft.	10 ft.

**Tinting with CCE only:**

**White:** 0-2 ounces per gallon  
**Black:** Do Not Tint  
**Ultradeep:** up to 12 ounces per gallon  
 Not controlled for tinting strength. Check color before using.

**White B42W02181****V.O.C. (less exempt solvents):**

less than 50 grams per litre; 0.42 lbs. per gallon  
 As per 40 CFR 59.406

**Volume Solids:** 32 ±2%  
**Weight Solids:** 54 ±2%  
**Weight per Gallon:** 12.19 lbs  
**Flash Point:** N.A.  
**Vehicle Type:** Acrylic  
**Shelf Life:** 36 months, unopened

**COMPLIANCE**

As of 11/25/2025, Complies with :

<b>OTC</b>	Yes
<b>OTC Phase II</b>	Yes
<b>S.C.A.Q.M.D.</b>	Yes
<b>CARB</b>	Yes
<b>CARB SCM 2007</b>	Yes
<b>CARB SCM 2020</b>	Yes
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	Yes
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	Yes
<b>EPD-NSF® Certified</b>	Yes
<b>MIR-Manufacturer Inventory</b>	Yes
<b>MPI®</b>	#118, 133

**APPLICATION**

**Temperature:**  
 minimum 50°F / 10°C  
 maximum 110°F / 43°C  
 air, surface and material  
 At least 5°F above dew point

**Relative humidity:** 75% maximum  
 The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** Water  
**Airless Spray:**  
 Pressure 2000 p.s.i.  
 Hose ¾ inch I.D.  
 Tip .013-.017 inch  
 Filter 60 mesh

**Conventional Spray:**  
 Gun Binks 95  
 Fluid Nozzle 63 C  
 Air Nozzle 63 FB  
 Atomization Pressure 60 p.s.i.  
 Fluid Pressure 50 p.s.i.

**Reduction:** Not Recommended**Brush:** Not Recommended**Roller Cover:** Not Recommended

If specific application equipment is listed above, equivalent equipment may be substituted.

Make sure product is completely agitated (mechanically or manually) before use.

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs. Note that surface temperatures can be higher than air temperature.

**SPECIFICATIONS****Steel:**

1 coat Pro Industrial Pro-Cryl Primer  
 or Pro Industrial DTM Primer-Finish  
 or Pro Industrial Kem Bond HS  
 or Zinc Clad Primer  
 1-2 coats Pro Industrial Waterborne Dryfall

**Aluminum:**

1-2 coats Pro Industrial Waterborne Dryfall

**Aluminum (Water Based Primer):**

1 coat Pro Industrial Pro-Cryl Primer  
 1-2 coats Pro Industrial Waterborne Dryfall

**Concrete Block (CMU):**

1 coat Pro Industrial Heavy Duty Block Filler  
 or Loxon Acrylic Block Surfer  
 1-2 coats Pro Industrial Waterborne Dryfall

**Concrete-Masonry-Plaster:**

1 coat Loxon Concrete & Masonry Primer  
 (if needed)  
 or 1 coat Loxon Conditioner (if needed)  
 1-2 coats Pro Industrial Waterborne Dryfall

**Drywall:**

1-2 coats Pro Industrial Waterborne Dryfall

**Galvanizing:**

1-2 coats Pro Industrial Waterborne Dryfall

**Pre-Finished Siding Interior: (Baked-on finishes)**

1 coat Pro Industrial Bond-Plex Waterbased Acrylic  
 or 1 coat Pro Industrial DTM Bonding Primer  
 1-2 coats Pro Industrial Waterborne Dryfall

**Previously Painted:**

1-2 coats Pro Industrial Waterborne Dryfall

**Spray Foam Insulation\*\*:**

1-2 coats Pro Industrial Waterborne Dryfall

**Wood, Interior:**

1 coat Premium Wall & Wood Primer  
 1-2 coats Pro Industrial Waterborne Dryfall

\*B42W02181 White and B42B00181 only

\*\*For fireproofing purposes, check with the fireproofing insulation supplier for compatibility recommendations.

# Pro Industrial™

## Waterborne Acrylic Dryfall Flat

### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

**Do not use hydrocarbon solvents for cleaning.** Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Iron & Steel** - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

**Concrete Block** - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 50°F (10°C) before filling. Use Pro industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

**Drywall** - Must be clean and dry. All nail heads must be set and spackled. Joints must be taped and covered with joint compound. Spackled nail heads and tape joints must be sanded smooth, and all dust removed prior to the application of paint.

**Wood** - Surface must be clean, dry, and sound. Prime with recommended primer. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked. Sand to remove any loose or deteriorated surface wood and to obtain a proper surface profile.

### SURFACE PREPARATION

**Masonry** - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

**Previously Painted Surface** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Mildew** - Clean mildew from the Surface: Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

### PERFORMANCE

B42W02181 White

**VWP Perms (US):**

**Method:** ASTM D1653  
grains/(hr ft<sup>2</sup> in Hg)

**Results:** 113.91 Perms

### SAFETY PRECAUTIONS

Before using, carefully read CAUTIONS on label. Refer to the Safety Data Sheets (SDS) before use.

For use on interior surfaces.

During the early stages of drying, the coating is sensitive to rain, dew, high humidity and moisture condensation. Plan painting schedules to avoid these influences during the first 16-24 hours of drying.

### FOR PROFESSIONAL USE ONLY.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

HOTW 11/25/2025 B42W02181 07 24  
FRC,SP

**ProBlock®****Interior Oil-Based Primer**

B79W08810

**SHERWIN  
WILLIAMS.****CHARACTERISTICS****Seals out:**

- Water sensitive stains
- Dried water stains
- Smoke stains and related odors
- Grease, ink, and pencil stains

**Quick Drying****Assures uniform appearance of topcoats****For use on these surfaces:**

- Drywall
- Wood
- Cured Plaster
- Paneling
- Ceiling Tiles
- Non-porous Wallcovering
- Previously Painted Surfaces

**Color:** White**Coverage:** 400 sq. ft. per gallon  
4 mils wet, 2.2 mils dry

Drying and recoat times are temperature, humidity, and film thickness dependent.

**Drying Time, @ 77° F, 50% RH:****77°F****Touch:** 30 minutes**Recoat as a primer:** 60-90 minutes**Finish:** 5-20 units @ 85°

**Tinting:** Requires Blend-A-Color Toner for tinting. For best topcoat color development, use the recommended "P"-shade primer. If desired, up to 4 oz per gallon of Blend-A-Color Toner can be used to approximate the topcoat color. Check color before use.

**White B79W08810****V.O.C. (less exempt solvents):**347 grams per litre; 2.90 lbs. per gallon  
As per 40 CFR 59.406**Volume Solids:** 55 ±2%**Weight Solids:** 77 ±2%**Weight per Gallon:** 12.35 lbs**Flash Point:** 62°F PMCC**Vehicle Type:** Linseed Vinyl Toluene**Shelf Life:** 18 months, unopened**WVP Perms (US):** 7.69 gains/(hr ft<sup>2</sup> in Hg)**COMPLIANCE**

As of 07/18/2023, Complies with :

<b>OTC</b>	Yes
<b>OTC Phase II</b>	No
<b>S.C.A.Q.M.D.</b>	No
<b>CARB</b>	No
<b>CARB SCM 2007</b>	No
<b>CARB SCM 2020</b>	No
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	No
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	No
<b>EPD-NSF® Certified</b>	No
<b>MIR-Manufacturer Inventory</b>	No
<b>MPI®</b>	Yes

**APPLICATION**

Apply at temperatures above 50°F (4.4°C)

**Do not reduce for stain blocking or in restricted areas.****No reduction needed.****Brush:**

Use a natural bristle brush.

**Roller:**

Use a 1/4 to 1/2 inch nap synthetic or mohair roller cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [sherwin.williams.com](http://sherwin.williams.com).**Spray - Airless:**Pressure 2000 p.s.i.  
Tip .015-.017 inch**APPLICATION TIPS**

When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming.

For optimal performance, this primer must be topcoated with a latex, alkyd-oil, or waterbased epoxy on architectural applications.

**SPECIFICATIONS**

- 1 coat ProBlock Oil-Based Primer
- 2 coats Appropriate Interior topcoat

**Recommended Architectural Topcoats:**

All Surface Enamels  
Duration® Home Interior  
Emerald® Interior  
SuperPaint® Exterior & Interior  
ProClassic® Interior  
ProMar® Interior

For optimal performance, this primer must be topcoated with a latex or alkyd-oil on architectural applications.



# ProBlock®

## Interior Oil-Based Primer

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead) or by contacting your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

#### **Caulking:**

Fill gaps between walls, ceilings, crown moldings and other interior trim with the appropriate caulk after priming the surface. Allow proper drying time before application of the primer.

#### **Drywall:**

Fill cracks and holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

#### **Smoke, fire or stain damaged areas:**

Thoroughly clean the surface before applying to smoke, fire or stained areas. After priming, allow to dry 4 hours, test a small area for bleeding by applying the topcoat before painting the entire project. If the stain bleeds through, apply a second coat of primer and allow to dry overnight and retest before topcoating. Use Multi-Surface Latex Primer over solvent sensitive stains.

### SURFACE PREPARATION

#### **Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

#### **Plaster:**

Bare plaster must be cured, usually 30 days, and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

#### **Wood:**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

### CAUTIONS

For interior use only.

Before using, carefully read **CAUTIONS on label**.

**DANGER! HARMFUL OR FATAL IF SWALLOWED. FLAMMABLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT. ALIPHATIC HYDROCARBONS CRYSTALLINE SILICA** Contents are **FLAMMABLE**. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. **VAPOR HARMFUL**. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 07/18/2023 B79W08810 26 347  
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### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with compliant compatible solvent. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**DANGER:** Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

# ProMar® 200 Zero V.O.C. Interior Latex Eg-Shel B20-Series


**SHERWIN  
WILLIAMS.**

## CHARACTERISTICS

**ProMar® 200 Zero V.O.C. Interior Latex Eg-Shel** is a durable, professional quality, interior vinyl acrylic finish for use on walls, ceilings, and trim of primed plaster, wallboard, wood, masonry, and primed metal.

**Color:** Most Colors  
To optimize hide and color development, always use the recommended P-Shade primer.

**Coverage:** 350-400 sq. ft. per gallon  
@ 4 mils wet  
1.7 mils dry

**Drying Time, @ 77° F, 50% RH:**  
Touch: 1 Hour  
Recoat: 4 Hours  
Drying and recoat times are temperature, humidity, and film thickness dependent.

**Finish:** 15-20 units @ 85°  
5+ units @ 60°

### **Tinting with CCE:**

Base:	oz. per gallon:	Strength:
High Ref White	0-6	SherColor
Extra White	0-7	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-12	SherColor
Real Red	0-12	SherColor
Bright Yellow	0-12	SherColor
Dover White		<b>Do Not Tint</b>

### **Extra White B20W12651**

(may vary by color)

### **V.O.C. (less exempt solvents):**

Less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 42 ±2%

**Weight Solids:** 54 ±2%

**Weight per Gallon:** 10.81 lbs

**Flash Point:** N.A.

**Vehicle Type:** Vinyl Acrylic

**Shelf Life:** 36 months, unopened

**WVP Perms (US):** 54.19 grains/(hr ft<sup>2</sup> in Hg)

### **Anti-microbial**

This product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.

## COMPLIANCE

As of 03/03/2025, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	Yes
MPI®	#52, 52 X-Green®

## APPLICATION

Apply at temperatures above 50°F  
No reduction needed.

### **Brush:**

Use a nylon-polyester brush such as Purdy® Clearcut®.

### **Roller:**

Use a 3/8 to 3/4 inch nap synthetic cover such as Purdy® White Dove™.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [Sherwin-williams.com](http://Sherwin-williams.com)

### **Spray - Airless:**

Pressure 2000 p.s.i.  
Tip .017-.021 inch

## APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Priming and application of two coats at the recommended film thickness can help where hiding of a previous coating or application to new drywall is a factor.

Using the same method of application and batch to touch up with as that originally used will help improve touch up.

When original application was by spray, preconditioning of touch up paint by running it through the spray tip will help touch up appearance.

## SPECIFICATIONS

### **Block:**

1 coat ConFlex Block Filler\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Drywall:**

1 coat ProMar 200 Zero V.O.C. Latex Primer  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Masonry:**

1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Plaster:**

1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Wood:**

1 coat Premium Wall & Wood Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

\*These primers contain less than 50 grams per litre V.O.C.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

# ProMar<sup>®</sup> 200 Zero V.O.C. Interior Latex Eg-Shel

## SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a **NIOSH**-approved respirator to control lead exposure. Clean up carefully with a **HEPA** vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at **1-800-424-LEAD** or log on to **www.epa.gov/lead**.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

### **Caulking:**

Gaps between walls, ceiling, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

### **Drywall:**

Fill cracks and holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

### **Masonry, Concrete, Cement, Block:**

All new surfaces must be cured according to the supplier's recommendations – usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

## SURFACE PREPARATION

### **Mildew:**

Clean mildew from the Surface: Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

### **Plaster:**

Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

### **Wood:**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

## CAUTIONS

For interior use only.  
Protect from freezing.  
Non-Photochemically reactive.

Before using, carefully read **CAUTIONS on label**.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 03/03/2025 B20W12651 34 0  
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## CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**Pro Industrial™****Pre-Catalyzed Waterbased Epoxy Semi-Gloss**

K46-1150/2150 Series

**SHERWIN  
WILLIAMS.****CHARACTERISTICS**

**Pro Industrial Pre-Catalyzed Waterbased Semi-Gloss Epoxy** is a single-component pre-catalyzed waterborne acrylic epoxy that offers the adhesion, durability and resistance to stains and most cleaning solvents usually characteristic of two-component waterborne acrylic epoxy products.

This product can be applied over a wide variety of primers on properly prepared interior metal, wood, masonry, plaster and drywall.

**Features :**

- Interior institutional - commercial high maintenance areas
- Upgrade surfaces painted with conventional coatings
- High performance protection system with excellent adhesion
- Chemical resistant
- Institutional dining and kitchen areas, Hospitals and Schools
- Suitable for use in USDA inspected facilities

**For use on properly prepared:** Steel, Galvanized & Aluminum, Concrete and Masonry, Wood and Drywall.

**Finish:** 48-58 units @ 60°  
69-79 units @ 85°

**Color:** Most Colors

**Recommended Spreading Rate per coat:**

Wet mils: 4.0  
Dry mils: 1.4  
Coverage: 400 sq. ft. per gallon  
Theoretical Coverage: 545 sq. ft. per gallon @ 1 mil dry

**Note:** Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

**Drying Schedule @ 4.0 mils wet, @ 50% RH:**  
Drying and recoat times are temperature, humidity, and film thickness dependent.

**@77°F**  
**To touch** 1 hour  
**To recoat** 8 hours  
**Maximum recoat\*** 72+ hours  
**Full dry** 5-7 days

\*If this product dries 72 hours or longer it must be sanded before it is recoated.

**Tinting with CCE only: Use SherColor Formulation System**

**Extra White K46W02151**

**V.O.C. (less exempt solvents):**

less than 50 grams per litre; 0.42 lbs. per gallon

As per 40 CFR 59.406

**Volume Solids:** 35 ±2%  
**Weight Solids:** 49 ±2%  
**Weight per Gallon:** 10.38 lbs  
**Flash Point:** N.A.  
**Vehicle Type:** Acrylic Epoxy  
**Shelf Life:** 36 months, unopened

**Anti-microbial:**

This coating contains agents which inhibit the growth of mold and mildew on the surface of this coating film.

**COMPLIANCE**

As of 12/04/2024, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	Yes

**APPLICATION**

**Temperature:**  
minimum 50°F  
maximum 120°F  
air, surface and material  
At least 5°F above dew point

**Relative humidity:** 85% maximum  
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** Not Recommended

**Airless Spray:**

Pressure 1800-2700 p.s.i.  
Hose ¼ inch I.D.  
Tip .015-.021 inch  
Filter 60 mesh

**Reduction:** Not Recommended

**Brush:** Nylon-polyester

**Roller Cover:** 1/4-1/2 inch woven

If specific application equipment is listed above, equivalent equipment may be substituted.

Make sure product is completely agitated (mechanically or manually) before use.

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

Not for use on surfaces continuously wet or under water, such as bathtubs, sinks, showers, or countertops. Not of use on floors.

**SPECIFICATIONS****Steel:**

1 coat Pro Industrial Pro-Cryl Primer or Kem Bond HS  
2 coats Pro Industrial Pre-Cat Epoxy

**Aluminum:**

1 coat Pro Industrial Pro-Cryl Primer  
2 coats Pro Industrial Pre-Cat Epoxy

**Concrete Block (CMU):**

1 coat Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfer  
2 coats Pro Industrial Pre-Cat Epoxy

**Concrete-Masonry:**

1 coat Loxon Concrete & Masonry Primer or 1 coat Loxon Conditioner  
2 coats Pro Industrial Pre-Cat Epoxy

**Drywall:**

1 coat ProMar 200 Zero V.O.C. Primer  
1-2 coats Pro Industrial Pre-Cat Epoxy

**Galvanizing:**

1 coat Pro Industrial Pro-Cryl Primer  
2 coats Pro Industrial Pre-Cat Epoxy

**Wood, Interior:**

1 coat Premium Wall & Wood Primer  
2 coats Pro Industrial Pre-Cat Epoxy

The systems listed above are representative of the product's use. Other systems may be appropriate.



# Pro Industrial™

## Pre-Catalyzed Waterbased Epoxy Semi-Gloss

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting: US - National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

#### **Do not use hydrocarbon solvents for cleaning.**

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Iron & Steel** - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Prime the area the same day as cleaning.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2. Prime the area the same day as cleaned.

**Concrete Block** - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 50°F (10°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

**Masonry** - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

**Wood** - Surface must be clean, dry, and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked. Sand to remove any loose or deteriorated surface wood and to obtain a proper surface profile.

**Drywall** - Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust. Prime the area the same day as cleaned.

### SURFACE PREPARATION

**Previously Painted Surface** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Mildew** - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

### PERFORMANCE

Extra White K46W02151

**System Tested:** (unless otherwise indicated)

**Substrate:** Steel

**Surface Preparation** SSPC-SP6

**Finish:** 1 coat Pro Industrial Pro-Cryl  
1 coat Pro Industrial Pre-Cat Epoxy

**Adhesion:** Darker colors require longer cure time for same level of adhesion.

**Method:** ASTM D3359  
**Result:** 4B

**Pencil Hardness:**

**Method:** ASTM D3363  
**Result:** 2B

**Dry Heat Resistance:**

**Method:** ASTM D2485  
**Result:** 250°F

**Scrub Resistance:**

**Based on Method:** ASTM D2486  
**Result:** 330-575 cycles

**Water Vapor Permeance (US):**

**Method:** ASTM D1653  
**Result:** 13.68 grains/(hr ft<sup>2</sup> in Hg)

**Block Resistance:**

**Method:** 7 day cure @ 3 mils D.F.T.  
**Result:** Lab assessment  
Excellent

**Chemical Resistance Rating:**

**(1 hour direct exposure to dry film 28 day cure)**

Distilled water room temperature - Excellent

Ethanol - Good

10% Acetic Acid - Excellent

25% Sodium Hydroxide - Excellent

50% Sulfuric Acid - Excellent

5% Phosphoric Acid - Excellent

10% Hydrochloric Acid - Excellent

Methanol - Good

\*Motor oil / Vegetable oil - Excellent

\*Mineral Spirits - Excellent

\*2 hour exposure

**Stain Resistance Rating:**

**(1 hour direct exposure to dry film 4 day cure)**

Mustard - Excellent Grape Juice - Excellent

Red Crayon - Excellent Lipstick, Red - Limited

Ink - Limited Coffee - Excellent

Tea - Excellent Ketchup - Excellent

### SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label.

Refer to the Safety Data Sheets (SDS) before use.

#### **FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**HOTW 12/04/2024 K46W02151 09 28**  
**FRC**

# ProMar® 200 Zero V.O.C. Interior Latex Semi-Gloss B31-Series



## CHARACTERISTICS

**ProMar® 200 Zero V.O.C. Interior Latex Semi-Gloss** is a durable, professional quality, interior vinyl acrylic finish for use on walls, ceilings, and trim of primed plaster, wallboard, wood, masonry, and primed metal.

**Color:** Most Colors  
To optimize hide and color development, always use the recommended P-Shade primer.

**Coverage:** 350-400 sq. ft. per gallon  
@ 4 mils wet  
1.5 mils dry

**Drying Time, @ 77° F, 50% RH:**  
Touch: 1 Hour  
Recoat: 4 Hours  
Drying and recoat times are temperature, humidity, and film thickness dependent.

**Finish:** 25-35 units @ 85°

### Tinting with CCE only:

Base:	oz. per gallon:	Strength:
High Ref White	0-6	SherColor
Extra White	0-7	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-12	SherColor
Real Red	0-12	SherColor
Bright Yellow	0-12	SherColor
Dover White		Do Not Tint

### Extra White B31W12651

(may vary by color)

### V.O.C. (less exempt solvents):

Less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 38 ±2%  
**Weight Solids:** 50 ±2%  
**Weight per Gallon:** 10.30 lbs  
**Flash Point:** N.A.  
**Vehicle Type:** Vinyl Acrylic  
**Shelf Life:** 36 months, unopened  
**WVP Perms (US):** 85.75 grains/(hr ft<sup>2</sup> in Hg)

### Anti-microbial

This product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.

## COMPLIANCE

As of 06/29/2023, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	Yes
MPI®	Yes

## APPLICATION

Apply at temperatures above 50°F  
No reduction needed.

**Brush:**  
Use a nylon-polyester brush.

**Roller:**  
Use a 3/8 to 3/4 inch nap synthetic cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [Sherwin-williams.com](http://Sherwin-williams.com)

**Spray - Airless:**  
Pressure 2000 p.s.i.  
Tip .017-.021 inch

## APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Priming and application of two coats at the recommended film thickness can help where hiding of a previous coating or application to new drywall is a factor.

Using the same method of application and batch to touch up with as that originally used will help improve touch up.

When original application was by spray, preconditioning of touch up paint by running it through the spray tip will help touch up appearance.

## SPECIFICATIONS

**Block:**  
1 coat ConFlex Block Filler\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

**Drywall:**  
1 coat ProMar 200 Zero V.O.C. Latex Primer  
2 coats ProMar 200 Zero V.O.C. Interior Latex

**Masonry:**  
1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

**Plaster:**  
1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

**Wood:**  
1 coat Premium Wall & Wood Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

\*These primers contain less than 50 grams per litre V.O.C.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

# ProMar<sup>®</sup> 200 Zero V.O.C. Interior Latex Semi-Gloss

## SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a **NIOSH**-approved respirator to control lead exposure. Clean up carefully with a **HEPA** vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at **1-800-424-LEAD** or log on to **www.epa.gov/lead**.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

### **Caulking:**

Gaps between walls, ceiling, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

### **Drywall:**

Fill cracks and holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

### **Masonry, Concrete, Cement, Block:**

All new surfaces must be cured according to the supplier's recommendations – usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

## SURFACE PREPARATION

### **Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

### **Plaster:**

Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

### **Wood:**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

## CAUTIONS

For interior use only.  
Protect from freezing.  
Non-Photochemically reactive.

Before using, carefully read **CAUTIONS on label**.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW	07/03/2023	B31W02650	24 00
HOTW	06/29/2023	B31W02651	46 00
HOTW	06/29/2023	B31W02653	32 00
HOTW	06/29/2023	B31T02654	34 00
HOTW	06/29/2023	B31R12658	21 00
HOTW	06/29/2023	B31Y02657	24 00
HOTW	06/29/2023	B31W02606	25 00
FRC, SP			

## CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

# ProMar® 200 Zero V.O.C. Interior Latex Eg-Shel B20-Series


**SHERWIN  
WILLIAMS.**

## CHARACTERISTICS

**ProMar® 200 Zero V.O.C. Interior Latex Eg-Shel** is a durable, professional quality, interior vinyl acrylic finish for use on walls, ceilings, and trim of primed plaster, wallboard, wood, masonry, and primed metal.

**Color:** Most Colors  
To optimize hide and color development, always use the recommended P-Shadow primer.

**Coverage:** 350-400 sq. ft. per gallon  
@ 4 mils wet  
1.7 mils dry

**Drying Time, @ 77° F, 50% RH:**  
Touch: 1 Hour  
Recoat: 4 Hours  
Drying and recoat times are temperature, humidity, and film thickness dependent.

**Finish:** 15-20 units @ 85°  
5+ units @ 60°

### **Tinting with CCE:**

Base:	oz. per gallon:	Strength:
High Ref White	0-6	SherColor
Extra White	0-7	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-12	SherColor
Real Red	0-12	SherColor
Bright Yellow	0-12	SherColor
Dover White		<b>Do Not Tint</b>

### **Extra White B20W12651**

(may vary by color)

### **V.O.C. (less exempt solvents):**

Less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 42 ±2%

**Weight Solids:** 54 ±2%

**Weight per Gallon:** 10.81 lbs

**Flash Point:** N.A.

**Vehicle Type:** Vinyl Acrylic

**Shelf Life:** 36 months, unopened

**WVP Perms (US):** 54.19 grains/(hr ft<sup>2</sup> in Hg)

### **Anti-microbial**

This product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.

## COMPLIANCE

As of 03/03/2025, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	Yes
MPI®	#52, 52 X-Green®

## APPLICATION

Apply at temperatures above 50°F  
No reduction needed.

### **Brush:**

Use a nylon-polyester brush such as Purdy® Clearcut®.

### **Roller:**

Use a 3/8 to 3/4 inch nap synthetic cover such as Purdy® White Dove™.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [Sherwin-williams.com](http://Sherwin-williams.com)

### **Spray - Airless:**

Pressure 2000 p.s.i.  
Tip .017-.021 inch

## APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Priming and application of two coats at the recommended film thickness can help where hiding of a previous coating or application to new drywall is a factor.

Using the same method of application and batch to touch up with as that originally used will help improve touch up.

When original application was by spray, preconditioning of touch up paint by running it through the spray tip will help touch up appearance.

## SPECIFICATIONS

### **Block:**

1 coat ConFlex Block Filler\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Drywall:**

1 coat ProMar 200 Zero V.O.C. Latex Primer  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Masonry:**

1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Plaster:**

1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

### **Wood:**

1 coat Premium Wall & Wood Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

\*These primers contain less than 50 grams per litre V.O.C.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.



# ProMar<sup>®</sup> 200 Zero V.O.C. Interior Latex Eg-Shel

## SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a **NIOSH**-approved respirator to control lead exposure. Clean up carefully with a **HEPA** vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at **1-800-424-LEAD** or log on to **www.epa.gov/lead**.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

### **Caulking:**

Gaps between walls, ceiling, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

### **Drywall:**

Fill cracks and holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

### **Masonry, Concrete, Cement, Block:**

All new surfaces must be cured according to the supplier's recommendations – usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

## SURFACE PREPARATION

### **Mildew:**

Clean mildew from the Surface: Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

### **Plaster:**

Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

### **Wood:**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

## CAUTIONS

For interior use only.  
Protect from freezing.  
Non-Photochemically reactive.

Before using, carefully read **CAUTIONS on label**.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 03/03/2025 B20W12651 34 0  
FRC, SP

## CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.



## Product Data Sheet MINWAX® Performance Series Tintable Interior Wood Stain

### CHARACTERISTICS:

**Performance Series** is designed for use on architectural wood in commercial, institutional, and residential new construction and refinishing. The **Performance Series** is a fast production system—a coat of stain and two finish coats can be completed in 8 hours. The stain can be topcoated in 2 hours with most clear solvent-borne alkyd or polyurethane topcoats and 6 hours with waterborne topcoats. The **Performance Series Tintable Interior Wood Stain** offers a large color palette which can help match trim packs to kitchen cabinets or other prefinished wood items. **Performance Series Tintable Interior Wood Stain** penetrates and seals bare wood and resists lap marks. **Performance Series Tintable Interior Wood Stain** causes minimal grain-raising of the wood, much better than water-based stains. **Performance Series Tintable Interior Wood Stain** is thicker than typical stains, providing less splash, spatter, and dripping. This means less effort, less masking time, less mess, and faster application, saving time on every job.

<b>Color:</b>	48 colors available; tintable to wide array of colors	
<b>Coverage:</b>	450 – 550 sq. ft./gal	
<b>Drying Time, @77°F, 50% RH</b>		
<b>To Touch:</b>	1 Hour	
<b>To Recoat with -</b>		
<b>Solvent based topcoats:</b>	2 Hours	
<b>Water based topcoats:</b>	6 hours	
	Drying and recoat times are temperature, humidity and film thickness dependent	
<b>Flash Point:</b>		
<b>Clear Base</b>	105°F, PMCC	
<b>White Base</b>	124°F, PMCC	
<b>Vehicle Type:</b>	Alkyd	
<b>Tinting with Blend-A-Color:</b>		
<b>Base</b>	<b>oz./gal</b>	<b>Strength</b>
<b>118 oz./gal fill</b>	<b>0-12</b>	<b>Special</b>
<b>124 oz./gal fill</b>	<b>0-6</b>	<b>Special</b>
<b>VOC (less exempt solvents)</b>	<550 g/L; <4.58 lb./gal <small>As per 40 CFR 59.406 and SOR/2009-264, s.12</small>	
<b>Volume Solids:</b>	Clear Base: 34 ± 2%    White Base: 37 ± 2%	
<b>Weight Solids:</b>	Clear Base: 40 ± 2%    White Base: 51 ± 2%	
<b>Weight per Gallon:</b>	Clear Base: 7.32 lb.    White Base: 8.52 lb.	

### RECOMMENDED USE:

#### Interior Use Only

### SPECIFICATION:

#### Suggested systems:

##### Smoothness & Speed

- 1st: Minwax Pre-Stain Wood Conditioner Oil Based
- 2nd: Performance Series Tintable Interior Stain
- 3rd: Performance Series Fast-Dry Sanding Sealer
- 4th: Performance Series Fast-Dry Varnish

##### Durability & Speed

- 1st: Minwax Pre-Stain Wood Conditioner Oil Based
- 2nd: Performance Series Tintable Interior Stain
- 3rd: Performance Series Fast-Dry Varnish
- 4th: Performance Series Fast-Dry Varnish

Rev: 5/31/2018

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit [www.paintdocs.com](http://www.paintdocs.com) to obtain the most current version of the PDS and/or an SDS.



## Product Data Sheet

### MINWAX® Performance Series

### Tintable Interior Wood Stain

#### Clarity & Speed

- 1st: Minwax Pre-Stain Wood Conditioner Oil Based
- 2nd: Performance Series Tintable Interior Stain
- 3rd: Minwax Water Based Oil-Modified Polyurethane
- 4th: Minwax Water Based Oil-Modified Polyurethane

#### Tough, Abrasion Resistant

- 1st: Minwax Pre-Stain Wood Conditioner Oil Based
- 2nd: Performance Series Tintable Interior Stain
- 3rd: Minwax Fast-Drying Polyurethane Varnish
- 4th: Minwax Fast-Drying Polyurethane Varnish

Other topcoats may be appropriate.

#### **Topcoating**

Performance Series Tintable Interior Stain should be topcoated for maximum performance with one or two finish topcoats.

#### **Graining**

This product can be used for graining — developing a wood grain appearance on metal, fiberglass, hardboard or other non-wood surfaces. Apply the stain and allow it to dry 10 to 15 minutes (depending on temperature and humidity). Follow Minwax guide on graining.

#### **White or light colors**

When using Performance Series Fast-Dry Varnish or Minwax Polyurethane Varnish over a white or light shade, the final color may have a slight amber cast. Minwax Water Based Polyurethane, and Minwax Polycrylic will not noticeably yellow.

#### **Shading finishes**

Performance Series Tintable Interior Stain can be used to shade topcoats. Use up to 2 oz. of stain per gallon of Performance Series Sanding Sealer, or Minwax Oil and Polyurethane Varnishes.

#### **Color variations**

Stain colors can vary based on the type of wood, the method of application, and the amount of stain applied. Test a sample piece or an inconspicuous area before staining the entire area.

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### **SURFACE PREPARATION:**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Wood must be dry and cleaned of dirt, grease, wax, polish, marks, and old finishes. Sand wood to a smooth surface using 100-120 grit paper. Remove sanding dust with a vacuum or tack cloth.

New wood should be stored inside for a minimum of 24 hours prior to staining. Stain or varnish applied to wood that has not been dried thoroughly can exhibit blotching, discoloration, or cracking.

Protect surrounding items with drop cloths, masking tape, etc.

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### **APPLICATION:**

Be sure the temperature is above 50°F, and the humidity is below 85%.

Stir stain thoroughly and occasionally during use.

Rev: 5/31/2018

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit [www.paintdocs.com](http://www.paintdocs.com) to obtain the most current version of the PDS and/or an SDS.



**Product Data Sheet**  
**MINWAX® Performance Series**  
**Tintable Interior Wood Stain**

No reduction necessary. Reducing will increase dry and recoat times significantly and may cause the product to exceed the maximum VOC level for stains.

Brush	Use a natural bristle brush
Pad Applicator/Cloth/Sponge	
Spray – Airless	
Pressure	2000 psi
Tip	.009" - .013"

The length of time before wiping determines the depth of the color developed. For a lighter shade, wipe quickly; for a darker shade, allow the stain to sit longer. You will have 15 to 20 minutes to work the stain to an even color. Laps or drips can usually be evened out by rewetting the surface with stain and rewiping.

Some soft woods (such as pine, poplar, and spruce) may have a "blotchy" appearance when stained (an uneven color, darker in some areas, lighter in others); sanded wood generally will appear less "blotchy". A coat of Minwax Pre-Stain Wood Conditioner will greatly reduce or eliminate this "blotchy" appearance. The stain color should be applied within 5 minutes of the Conditioner, while it is still wet. The use of any sealer will lighten the final color.

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**CLEANUP INFORMATION:**

Clean spills, spatters, and tools immediately after use with compliant cleanup solvent. After cleaning, flush spray equipment with a compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**DANGER:** Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

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**CAUTIONS:**

For interior use only.

**Read all label directions and cautions carefully before use.**

Rev: 5/31/2018

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit [www.paintdocs.com](http://www.paintdocs.com) to obtain the most current version of the PDS and/or an SDS.

# ProBlock® Premium (Formerly PrepRite® ProBlock®)

## All-Purpose Water-Based Interior-Exterior Primer

B51-620 Series

### CHARACTERISTICS

#### ProBlock® Premium All-Purpose Water-Based Interior-Exterior Primer:

- Assures uniform appearance of topcoats
- Fast Dry
- Apply at temperatures down to 35°F
- Assures adhesion of the topcoat to slick, glossy surfaces
- Seals out solvent sensitive stains – tar, solvent based markers, etc.
- Seals minor dried water stains and tannin
- Provides easy “slip” for positioning wallpaper

#### Use on interior:

- Ceiling Tiles • Paneling • Wall Laminate
- Cured Plaster • Drywall • Varnished Woodwork
- Kitchen Cabinets Ceramic • Wall Tile
- Under Wallcovering

#### Use on Interior and Exterior:

- Wood • Aluminum • Galvanized Metal
- Previously Painted Surfaces • PVC Piping
- Drywall • Concrete and Masonry • Many Plastics
- Glossy Surfaces • Fiberglass • Copper
- Glazed Block

**Color:** White & Deep Base  
For best color development, use the recommended “P”-shade primer. Check color before use.

**Coverage:** 400 sq. ft. per gallon  
@ 4 mils wet; 1.4 mils dry

**Drying Time, @ 77° F, 50% RH:**

**Touch:** 30 minutes

**Recoat as a primer:** 1 hour

**Recoat as a stain sealer:** 4 hours

**Recoat to apply wallcovering:** 2 hours

Drying and recoat times are temperature, humidity, and film thickness dependent.

**Finish:** 5-10 units @ 85°

#### Tinting with CCE Only:

Base	oz. per gallon	Strength
White	0-4	SherColor
Deep Base	4-12	SherColor

#### White B51W00620

(may vary by color)

#### V.O.C. (less exempt solvents):

Less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 35 ±2%

**Weight Solids:** 52 ±2%

**Weight per Gallon:** 10.89 lbs

**Flash Point:** N.A.

**Vehicle Type:** Styrenated Acrylic Latex

**Shelf Life:** 36 months, unopened

**Anti-microbial** – This product contains agents which inhibit the growth of microbes on the surface of this paint film.

### COMPLIANCE

As of 11/17/2025, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	Yes
MPI® #3, 3 X-Green™, 6, 17, 17 X-Green™, 39, 134, 134 X-Green™	

### APPLICATION

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface and material temperature is above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Air and surface temperatures must not drop below 35°F for 48 hours after application.

#### Do not reduce for stain blocking.

**Brush:**  
Use a nylon-polyester brush such as Purdy® XL®.

**Roller:**  
Use a 3/8 inch nap soft woven cover such as Contractor Series® Soft Woven.

For specific brushes and rollers, please refer to our Brush and Roller Guide on sherwin-williams.com

**Spray - Airless:**  
Pressure 2000 p.s.i.  
Tip .015-.021 inch

### APPLICATION TIPS

For best topcoat color development, use a recommended “P”-shade primer. Check color before use.

When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming.

For optimal performance, this primer must be topcoated with a latex, alkyd-oil, water-based epoxy, or solvent based epoxy coating on architectural applications.

For exterior exposure, this primer must be topcoated within 14 days with architectural latex or oil finishes.

General Priming: ProBlock Premium Primer can be topcoated in 1 hour in non-stain blocking applications.

### SPECIFICATIONS

1 coat ProBlock Premium Primer  
2 coats appropriate topcoat

#### Recommended Architectural Topcoats:

All Surface Enamels  
A-100® Exterior Latex  
Duration® Exterior & Duration Home® Interior  
Emerald® Exterior & Interior  
Emerald® Urethan Trim Enamel  
SuperPaint® Exterior & Interior  
ProClassic® Interior Enamels  
ProMar® Interior

#### Recommended Pro Industrial™ Topcoats:

Pro Industrial™ Acrylic Coating  
Pro Industrial™ Pre-Cat Epoxy  
Pro Industrial™ Pre-Cat Urethane  
Pro Industrial™ Waterbased Catalyzed Epoxy

Other topcoats may be appropriate.

# ProBlock® Premium (Formerly PrepRite® ProBlock®)

## All-Purpose Water-Based Interior-Exterior Primer

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand Glossy surfaces dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

#### **Special recommendations:**

After priming stained surfaces, allow to dry 4 hours, test a small area for bleeding by applying the topcoat before painting the entire project. If the stain bleeds through, apply a second coat of primer, and allow to dry overnight and retest before topcoating. For a complete primer outside, use appropriate exterior primers.

#### **Caulking:**

Fill gaps between walls, ceiling, crown moldings, and other with the appropriate caulk after priming the surface.

#### **Drywall:**

Fill cracks and nail holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

#### **Fire restoration work:**

Thoroughly clean the surface before applying to smoke-stained areas. Apply one or two coats of ProBlock Premium Primer and test a small area for bleeding before painting the entire surface.

#### **Testing:**

Always check for compatibility and adhesion to the surface by applying a test patch of 2-3 square feet. Allow to dry thoroughly for 1 week before checking adhesion.

#### **Tile:**

Laminate, ceramic, and plastic tiles, and similar glossy surfaces, must be free of all oil, grease, and soap residue. Do not use this product in areas subject to excessive water, e.g.: in showers, around sinks, on counter tops.

On hard, slick, glossy or otherwise hard to paint surfaces, after preparing the surface, apply a test area of this primer, allow to dry properly and test for adhesion.

### SURFACE PREPARATION

#### **Mildew:**

Clean mildew from the Surface: Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

#### **Plaster:**

Bare plaster must be cured, usually 30 days, and hard. If painting cannot wait, allow the surface to dry 7 days and prime with Loxon Concrete and Masonry Primer. Soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

#### **When used as a primer under wallcovering:**

After the wallcovering has been applied and the adhesive has dried and cured, wait at least 21 days before removing the wallcovering to avoid damage to the drywall.

#### **Wood Exterior:**

Sand any exposed, weathered wood to a fresh surface. Replace any deteriorated wood. On woods that present potential tannin bleeding, such as redwood and cedar, ProBlock Premium Primer can be used. Care must be taken to determine if tannins will be activated by the water in the coating. To test for bleeding, coat a 4 foot by 4 foot section with the primer. If no bleeding is evident within 4 hours, proceed with complete priming. If bleeding occurs, use Exterior Oil-Based Wood Primer.

For a complete whole house primer outside, use Exterior Latex Wood Primer or Exterior Oil-Based Wood Primer.

### CAUTIONS

Protect from freezing.

Non-Photochemically reactive.

Before using, carefully read **CAUTIONS on label**.

**CRYSTALLINE SILICA** Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (**NIOSH** approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

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### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and clean warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

**A-100®****Exterior Latex Flat**

A06-Series

**SHERWIN  
WILLIAMS.****CHARACTERISTICS**

**A-100 Exterior Latex** is a quality exterior finish. This product is recommended for use on aluminum, vinyl, and wood siding, clapboard, shakes, shingles, plywood, masonry, and metal down to a surface and air temperature of 35°F.

**Color:** Most Colors

**Coverage:** 350-400 sq. ft. per gallon  
@ 4 mils wet, 1.3 mils dry

**Drying Time, @ 50% RH:**

	<b>@35-45°F</b>	<b>@45°F+</b>
Touch:	2 Hours	2 Hours
Recoat:	24-48 hours	4 Hours

Drying and recoat times are temperature, humidity, and film thickness dependent.

**Finish:** 0-5 units @ 85°

**Tinting with CCE only:**

<b>Base:</b>	<b>oz. per gallon</b>	<b>Strength</b>
Extra White	0-6	SherColor
Deep Base	4-12	SherColor
Ultra Deep Base	10-12	SherColor

**Extra White A06W00351**

(may vary by color)

**V.O.C.(less exempt solvents):**

Less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

<b>Volume Solids:</b>	34 ±2%
<b>Weight Solids:</b>	50 ±2%
<b>Weight per Gallon:</b>	10.99 lbs
<b>Flash Point:</b>	N.A.
<b>Vehicle Type:</b>	100% Acrylic
<b>Shelf Life:</b>	36 months, unopened
<b>WVP Perms (US)</b>	38.10 grains/(hr ft <sup>2</sup> in Hg)

**Mildew Resistant**

This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

**COMPLIANCE**

As of 12/17/2024, Complies with :

<b>OTC</b>	Yes
<b>OTC Phase II</b>	Yes
<b>S.C.A.Q.M.D.</b>	Yes
<b>CARB</b>	Yes
<b>CARBSCM 2007</b>	Yes
<b>CARB SCM 2020</b>	Yes
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	N/A
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	Yes
<b>EPD-NSF® Certified</b>	Yes
<b>MIR-Manufacturer Inventory</b>	N/A
<b>MPI®</b>	Yes, #10

**APPLICATION**

When the air temperature is at 35°F (1.7°C), substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F (1.7°C) and at least 5° above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 35°F (1.7°C) or when air or surface temperatures may drop below 35°F (1.7°C) within 48 hours. No reduction needed.

**Brush:**

Use a nylon-polyester brush such as Purdy® Clearcut®

**Roller:**

Use a high quality 3/8-3/4 inch nap synthetic roller cover such as Purdy® White Dove™.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [sherwin-williams.com](http://sherwin-williams.com)

**Spray - Airless:**

Pressure	2000 p.s.i.
Tip	.015-.019 inch

**APPLICATION TIPS**

Make sure product is completely agitated (mechanically or manually) before use.

**SPECIFICATIONS**

Standard latex primers cannot be used below 50°F (10°C) or above 100°F (37.7°C). See specific primer label for that product's application limitations.

**Aluminum & Aluminum Siding<sup>1</sup>, Galvanized Steel<sup>1</sup>:**

2 coats A-100 Exterior Latex

**Concrete Block, CMU, Split face Block:**

1 coat Loxon Acrylic Block Surfer  
2 coats A-100 Exterior Latex

**Brick, Stucco, Cement, Concrete:**

1 coat Loxon Concrete & Masonry Primer<sup>3</sup>  
or  
Loxon Conditioner<sup>2</sup>  
2 coats A-100 Exterior Latex

**Cement Composition Siding/Panels:**

1 coat Loxon Concrete & Masonry Primer<sup>3</sup>  
or  
Loxon Conditioner<sup>2</sup>  
2 coats A-100 Exterior Latex

**Plywood:**

1 coat Exterior Latex Primer  
2 coats A-100 Exterior Latex

**\*Vinyl Siding:**

2 coats A-100 Exterior Latex

**Wood (Cedar, Redwood)<sup>4</sup>:**

1 coat Exterior Oil-Based Wood Primer  
2 coats A-100 Exterior Latex

**Wood Composition Board - Hardboard:**

Because of the potential for wax bleeding out of the substrate, apply 1 coat of Exterior Oil-Based Wood Primer and then topcoat.

<sup>1</sup> On large expanses of metal siding, the air, surface, and material temperatures must be 50°F (10°C) or higher.

<sup>2</sup> Not for use at temperatures under 50°F (10°C). See specific primer label for that product's application conditions.

<sup>3</sup> Not for use at temperatures under 40°F (4.4°C). See specific primer label for that product's application conditions.

<sup>4</sup> Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. For best results on these woods, use a coat of Exterior Oil-Based Wood Primer.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.



# A-100®

## Exterior Latex Flat

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

#### **Aluminum and Galvanized Steel:**

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, wire brush, or other abrading method.

#### **Cement Composition Siding-Panels:**

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 9, prime with Loxon Concrete & Masonry Primer.

#### **Caulking:**

Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.

#### **Masonry, Concrete, Cement, Block:**

All new surfaces must be cured according to the supplier's recommendations – usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant. **Concrete masonry units (CMU)** - Surface should be thoroughly clean and dry. Air, material, and surface temperatures must be at least 50°F (10°C) before filling. Use Loxon Acrylic Block Surfer. The filler must be thoroughly dry before topcoating.

#### **Stucco:**

Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.

### SURFACE PREPARATION

#### **Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

#### **Previously Painted Surfaces:**

If in sound condition, clean the surface of all foreign material. Smooth, hard, or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

#### **Steel:**

Rust and mill scale must be removed using sandpaper, wire brush, or other abrading method. Bare steel must be primed with a corrosion resistant primer such as All Surface Enamel Primer the same day as cleaned.

#### **\*Vinyl or other PVC Building Products:**

Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly, if needed prime with appropriate white primer. Do not paint vinyl with any color darker than the original color or having a Light Reflective Value (LRV) of less than 56 unless VinylSafe® Colors are used. If VinylSafe colors are not used the vinyl may warp. Follow all painting guidelines of the vinyl manufacturer when painting. Only paint properly installed vinyl siding. Deviating from the manufacturer's painting guidelines may cause the warranty to be voided.

#### **Wood, Plywood, Composition Board:**

Clean the surface thoroughly then sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All new and patched areas must be primed. Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, it may show some staining. If staining persists, spot prime severe areas with 1 coat of Exterior Oil-Based Wood Primer prior to using.

### CAUTIONS

For exterior use only.  
Protect from freezing.  
Non-Photochemically reactive.  
Not for use on floors

Before using, carefully read **CAUTIONS on label**.

**CRYSTALLINE SILICA, ZINC:** Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (**NIOSH** approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

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### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.



# ProMar® 200 Zero V.O.C.

## Interior Latex Flat

### B30-Series


**SHERWIN  
WILLIAMS.**

#### CHARACTERISTICS

**ProMar® 200 Zero V.O.C. Interior Latex Flat** is a durable, professional quality, interior vinyl acrylic finish for use on walls and ceilings of primed plaster, wallboard, wood, masonry, and primed metal.

**Color:** Most Colors  
To optimize hide and color development, always use the recommended P-Shade primer.

**Coverage:** 350-400 sq. ft. per gallon  
@ 4 mils wet  
1.4 mils dry

**Drying Time, @ 77° F, 50% RH:**  
Touch: 1 Hour  
Recoat: 4 Hours  
Drying and recoat times are temperature, humidity, and film thickness dependent.

**Finish:** 1.5-3.5 units @ 85°

#### **Tinting with CCE only:**

Base:	oz. per gallon:	Strength:
High Ref White	0-6	SherColor
Extra White	0-7	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-12	SherColor
Real Red	0-12	SherColor
Bright Yellow	0-12	SherColor
Dover White		Do Not Tint

#### **Extra White B30W12651**

(may vary by color)

#### **V.O.C. (less exempt solvents):**

Less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 34 ±2%

**Weight Solids:** 52 ±2%

**Weight per Gallon:** 11.45 lbs

**Flash Point:** N.A.

**Vehicle Type:** Vinyl Acrylic

**Shelf Life:** 36 months, unopened

**WVP Perms (US):** 70.83 grains/(hr ft<sup>2</sup> in Hg)

#### **Anti-microbial**

This product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.

#### COMPLIANCE

As of 06/29/2023, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	Yes
MPI®	Yes

#### APPLICATION

Apply at temperatures above 50°F  
No reduction needed.

**Brush:**  
Use a nylon-polyester brush.

**Roller:**  
Use a 3/8 to 3/4 inch nap synthetic cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [Sherwin-williams.com](http://Sherwin-williams.com)

**Spray - Airless:**  
Pressure 2000 p.s.i.  
Tip .017-.021 inch

#### APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Priming and application of two coats at the recommended film thickness can help where hiding of a previous coating or application to new drywall is a factor.

Using the same method of application and batch to touch up with as that originally used will help improve touch up.

When original application was by spray, preconditioning of touch up paint by running it through the spray tip will help touch up appearance.

#### SPECIFICATIONS

**Block:**  
1 coat ConFlex Block Filler\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

**Drywall:**  
1 coat ProMar 200 Zero V.O.C. Latex Primer  
2 coats ProMar 200 Zero V.O.C. Interior Latex

**Masonry:**  
1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

**Plaster:**  
1 coat Loxon Concrete & Masonry Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

**Wood:**  
1 coat Premium Wall & Wood Primer\*  
2 coats ProMar 200 Zero V.O.C. Interior Latex

\*These primers contain less than 50 grams per litre V.O.C.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

# ProMar<sup>®</sup> 200 Zero V.O.C.

## Interior Latex Flat

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a **NIOSH**-approved respirator to control lead exposure. Clean up carefully with a **HEPA** vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at **1-800-424-LEAD** or log on to **www.epa.gov/lead**.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

#### **Caulking:**

Gaps between walls, ceiling, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

#### **Drywall:**

Fill cracks and holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

#### **Masonry, Concrete, Cement, Block:**

All new surfaces must be cured according to the supplier's recommendations – usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

### SURFACE PREPARATION

#### **Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

#### **Plaster:**

Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

#### **Wood:**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

### CAUTIONS

For interior use only.  
Protect from freezing.  
Non-Photochemically reactive.

Before using, carefully read **CAUTIONS** on label.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW	06/29/2023	B30W12650	15 00
HOTW	06/29/2023	B30W12651	26 00
HOTW	06/29/2023	B30W02653	32 00
HOTW	06/29/2023	B30T02654	34 00
HOTW	06/29/2023	B30R12658	06 00
HOTW	11/06/2023	B30Y12657	02 00
HOTW	06/29/2023	B30W02606	20 00
FRC, SP			

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

# Pro Industrial™ DTM

## Acrylic Semi-Gloss

### B66-1150 Series


**SHERWIN  
WILLIAMS.**

#### CHARACTERISTICS

**Pro Industrial DTM Acrylic coating** is an interior-exterior, water based, corrosion resistant acrylic coating for light to moderate industrial use. Designed for new construction or maintenance use and can be used directly over prepared substrates.

- Chemical Resistant
- Corrosion Resistant
- Fast dry
- Flash rust-early rust resistance
- Suitable for use in USDA inspected facilities

**Finish:** Semi-Gloss 38-48 @ 60°

**Color:** Most Colors

#### Recommended Spreading Rate per coat:

Wet mils:	6.0-10.0
Dry mils:	2.4-4.0
Coverage:	160-267 sq. ft. per gallon
Theoretical Coverage:	641 sq. ft. per gallon
	@ 1 mil dry

Approximate spreading rates are calculated on volume solids and do not include any application loss.

**Note:** Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

#### Drying Schedule @ 6.0 mils wet, @ 50% RH:

Drying and recoat times are temperature, humidity, and film thickness dependent.

	@50°F	@77°F	@110°F
To touch	1 hour	20 minutes	10 minutes
Tack free	2 hours	45 minutes	30 minutes
To recoats	2 hours	1 hour	1 hour

#### Tinting with CCE only:

Base	oz. per gallon	Strength
Extra White	0-6	SherColor
Deep Base	6-12	SherColor
Ultradeep Base	10-12	SherColor
Real Red	0-12	SherColor
Vivid Yellow	0-14	SherColor

#### Extra White B66W01151

(may vary by color)

#### V.O.C. (less exempt solvents):

less than 50 grams per litre; 0.42 lbs. per gallon

As per 40 CFR 59.406

<b>Volume Solids:</b>	40 ±2%
<b>Weight Solids:</b>	51 ±2%
<b>Weight per Gallon:</b>	10.20 lbs
<b>Flash Point:</b>	N/A
<b>Vehicle Type:</b>	Acrylic
<b>Shelf Life:</b>	36 months, unopened

#### COMPLIANCE

As of 10/18/2022, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	No
MPI®	Yes

#### APPLICATION

<b>Temperature:</b>	
minimum	50°F / 10°C
maximum	110°F / 43°C
	air, surface and material
	At least 5°F above dew point

**Relative humidity:** 85% maximum  
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** Water

#### Airless Spray:

Pressure	1500 p.s.i.
Hose	¼ inch I.D.
Tip	.017-.021 inch
Filter	60 mesh

#### Conventional Spray:

Gun	Binks 95
Fluid Nozzle	66
Air Nozzle	63 PB
Atomization Pressure	50 p.s.i.
Fluid Pressure	10-20 p.s.i.

**Reduction:** Not Recommended

**Brush:** Nylon-polyester

**Roller Cover:** 1/4-3/8 inch woven

If specific application equipment is listed above, equivalent equipment may be substituted.

Due to this product's fast dry performance, brushing should be limited to small areas where a wet edge can be maintained.

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs.

#### SPECIFICATIONS

##### Steel\*

2 coats Pro Industrial DTM Acrylic

##### Steel:

1 coat Pro Industrial Pro-Cryl Primer or Pro Industrial DTM Primer/Finish or Kem Bond HS Metal Primer or Zinc Clad Primer  
1-2 coats Pro Industrial DTM Acrylic

##### Aluminum:

1-2 coats Pro Industrial DTM Acrylic

##### Aluminum (Water Based Primer):

1 coat Pro Industrial Pro-Cryl Primer  
1-2 coats Pro Industrial DTM Acrylic

##### Concrete Block (CMU):

1 coat Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfer  
2 coats Pro Industrial DTM Acrylic

##### Concrete-Masonry:

1 coat Loxon Concrete & Masonry Primer or 1 coat Loxon Conditioner  
2 coats Pro Industrial DTM Acrylic

##### Drywall:

1 coat ProMar 200 Zero V.O.C. Primer  
1-2 coats Pro Industrial DTM Acrylic

##### Galvanizing:

2 coats Pro Industrial DTM Acrylic

##### Pre-Finished Siding: (Baked-on finishes)

1 coat Bond-Plex Waterbased Acrylic or DTM Bonding Primer  
1-2 coats Pro Industrial DTM Acrylic

##### Wood, exterior:

1 coat Exterior Wood Primer  
1-2 coats Pro Industrial DTM Acrylic

##### Wood, interior:

1 coat Premium Wall & Wood Primer  
1-2 coats Pro Industrial DTM Acrylic

\*Application of coating on unprimed steel may cause pinpoint rusting. Safety Colors, Deep Base, and Ultradeep colors require a prime coat for maximum durability, adhesion, and corrosion protection.

Zinc Primers – Refer to the zinc technical data sheet application procedures and performance tips prior to topcoating.

# Pro Industrial™ DTM

## Acrylic Semi-Gloss

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

#### **Do not use hydrocarbon solvents for cleaning.**

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Iron & Steel** - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Primer recommended for best performance.

**Aluminum** - Remove all oil, grease, dirt, oxide, and other foreign material per SSPC-SP1.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2. Prime the area the same day as cleaned.

**Concrete Block** - Surface should be thoroughly clean and dry. Air, material, and surface temperatures must be at least 55°F (13°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfer. The filler must be thoroughly dry before topcoating.

**Masonry** - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

**Wood** - Surface must be clean, dry, and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked. Sand to remove any loose or deteriorated surface wood and to obtain a proper surface profile.

### SURFACE PREPARATION

**Previously Painted Surface** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Mildew** - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

### PERFORMANCE

**System Tested:** (unless otherwise indicated)

**Substrate:** Steel

**Surface Preparation** SSPC-SP10

**Finish:** 2 coats Pro Industrial DTM Acrylic  
B66W01151, 3.0 D.F.T per coat

**Adhesion:**

Method: ASTM D4541  
Result: 1436 p.s.i.

**Corrosion Weathering\*:**

Method: ASTM D5894, 7 cycles  
Result: Rating 10 per ASTM D714 for blistering  
Rating 8.5 per ASTM D1654 for corrosion

**Direct Impact Resistance:**

Method: ASTM D2794  
Result: greater than 176 inch pound

**Dry Heat Resistance:**

Method: ASTM D2485  
Result: 300°F

**Flexibility:**

Method: ASTM D522, 1/8 inch mandrel  
Result: Pass

**Humidity Resistance\*:**

Method: ASTM D4585, 2186 hours  
Result: Rating 10 per ASTM D714 for blistering  
Rating 10 per ASTM D1654 for corrosion

**Pencil Hardness:**

Method: ASTM D3363  
Result: 2H

\*over Pro Industrial Pro-Cryl Primer.

No painting should be done immediately after a rain or during foggy weather.  
Do not paint on wet surfaces.  
Check adhesion by applying a test strip to determine the readiness for painting.

Provides performance comparable to products formulated in lieu of federal specification: AA50570, and Paint Specification: SSPC-Paint 24.

### SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label.

Refer to the Safety Data Sheets (SDS) before use.

#### **FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

HOTW 10/18/2022 B66W01151 22 35  
FRC, SP

**MINWAX® Technical Data Sheet**  
**MINWAX® HELMSMAN SPAR URETHANE**

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**DESCRIPTION:**

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Helmsman Spar Urethane is a durable, clear urethane topcoat for maintaining outdoor wood. Its improved formula can be recoated in 25% less time and contains over 100% more UV blockers than the original Helmsman Spar Urethane. Helmsman® forms a protective barrier against rain and moisture; Its special oils allow the finish to expand and contract with the wood as seasons and temperatures change; The UV blockers reduce the sun's graying and fading effects. Helmsman is available in Satin, Semi-Gloss and High Gloss sheens. Aerosol spray application is available.

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**RECOMMENDED USE:**

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Designed for exterior use on stained or bare wood surfaces, but can also be used on interior wood surfaces. Excellent for doors, windows, interior or exterior wooden furniture, trim, bathroom cabinets, kitchen countertops and bar tops.

Helmsman Spar Urethane is not recommended for large, exterior surfaces where maintenance would be difficult, such as decks and siding. Slight ambering may be experienced when Helmsman Spar Urethane is applied over light colored stains or wood surfaces. Always spot test in an inconspicuous area to ensure satisfactory results.

**Note:** Helmsman is not recommended for use on floors. To protect floors, use [Minwax® Super Fast-Drying Polyurethane for Floors](#) or [Minwax® Water Based Polyurethane for Floors](#).

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**SURFACE PREPARATION:**

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Surfaces must be dry and free from lacquer, shellac, paint, wax, grease, stearates, and polishes. Sand wood to obtain a smooth, uniform surface. Remove all dust with a cloth dampened with mineral spirits. Old finishes in poor condition must be removed.

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

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**APPLICATION NOTES:**

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1. If desired, apply stain, such as [Minwax® Wood Finish™](#), to unfinished interior wood surfaces. Follow directions for application instructions and dry times.
2. Stir well before and occasionally during use.
3. Apply a thin coat of HELMSMAN® Spar Urethane using a high quality natural bristle brush. On unfinished wood, apply sufficient material to seal open joints, edges and end-grain.
4. Let dry at least 4 hours, then sand entire surface lightly with very fine sandpaper (220 grit) to ensure an even finish and proper adhesion of additional coats.
5. Apply second coat. If a third coat is desired, repeat Step 4 before applying. Note: For exterior surfaces or for previously unfinished wood, three coats are recommended.



**MINWAX® Technical Data Sheet**  
**MINWAX® HELMSMAN SPAR URETHANE**

6. After final coat, allow 24 hours before normal use.

\*Read all label directions and cautions carefully before use\*.

**Coverage:** Approximately 125 sq. ft. per quart

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**DRY TIME:**

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At least 4 hours between coats and at least 24 hours before light use after final coat.

**Note:** Dry times are based on good ventilation, temperature of 77°F and 50% relative humidity. Lower temperature, higher humidity, lack of air movement or application of thick coats will extend drying times. Always test surface for tackiness between coats

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**MAINTENANCE:**

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Clean with Minwax Wood Cleaner, or gentle soap and water. When used for exterior applications, maintain by lightly sanding and adding an additional coat(s) as conditions require.

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**CLEANUP/STORAGE:**

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Use mineral spirits, paint thinner. Rags and other waste soaked with oil finished may ignite if improperly discarded. Place rags and waste immediately after use in a sealed, water filled, metal container. Dispose of in accordance with local fire regulations. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Do not store near hear, sparks, open flames or other source of ignition. Close container after each use. Store in original container. **KEEP OUT OF REACH OF CHILDREN.**

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**SAFETY:**

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\*Read all label directions and cautions carefully before use\*.

**WARNING! COMBUSTIBLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT.**

**CAUTIONS: Extinguishing Media and Fire Fighting Procedures:** To extinguish fire, use carbon dioxide, dry chemical, alcohol foam and water fog. Use self-contained breathing apparatus with full-face piece operated in pressure demand mode. When burning, this product gives off toxic by-product such as carbon monoxide; therefore, the breathing of smoke and gases given off during burning should be avoided. Do not mix with strong oxidizing agents. **Control Measures:** If adequate ventilation cannot be maintained, use respiratory protection (NIOSH/MSHA TC23C or equivalent). Use rubber, neoprene or vinyl gloves and safety glasses or a face shield. **Handling/Disposal: DANGER: KEEP OUT OF REACH OF CHILDREN.** Combustible. Do not store near heat, sparks, open flames or other sources of ignition. Keep out of surface waters. Dispose of in accordance with local, state and federal regulations. **FIRST AID: If swallowed:** DO NOT induce vomiting. Call a physician immediately. **If splashed on skin:** Immediately wash with plenty of soap and water. If irritation persists, get medical attention. **If affected by inhalation:** Move to fresh air. If symptoms persist, get medical attention.



**MINWAX® Technical Data Sheet**  
**MINWAX® HELMSMAN SPAR URETHANE**

**PHYSICAL PROPERTIES:**

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		<u>Testing method:</u>
Solvent:	Mineral spirits	
Odor:	Mild hydrocarbon	
Luster (@60):	Satin 20% - 30%	ASTM D 523-85 (60)
	Semi-Gloss 52% - 62%	ASTM D 523-85 (60)
	Clear Gloss 90% min.	ASTM D 523-85 (60)
No. of coats:	3 unfinished wood, 2 finished wood	
Dry-time:	Recoat: 6 hours; Final coat: 24 hours (light use)	ASTM D 1640-83
	(77 degrees F, 50%RH)	& Gardner Circular
Dry film thickness:	1 mil/coat	
Flash point:	>101 Fahrenheit	SETAFLASH*
Applicator:	Brush	
VOC (max):	450 g/L	ASTM D 3960
Coverage (sq. ft./gal.):	400	
% Solids:	50.9 +/- .50	ASTM D 2369-86
	180 – 290 cps	ASTM D 2196-86 (Brookfield @ 77 F, #2 spindle @ 50 RPM
Specific gravity:	.886 - .902	ASTM D 1475-85

\*Closed cup; SETAFLASH is a registered trademark of Stanhope-Seta Limited.

# PRODUCT DATA SHEET

## POLYCRYLIC



**Minwax® Polycrylic® Protective Finish** is a crystal clear, ultra fast-drying protective topcoat for use on interior wood surfaces including furniture, trim, doors and cabinets. It cleans up easily with soap and water and can be recoated in only 2 hours.

**Polycrylic Finish** can be used over bare wood and both oil-based and water-based stains. Its clarity makes it an ideal topcoat over **Minwax® Water Based Wood Stains** and light woods like maple, ash and birch. **Polycrylic Finish** also resists damage from abrasion, scuffing, chipping, water, alcohol and other common household chemicals.

**El Acabado Protector Minwax® Polycrylic®** es una capa de epoxi protectora, transparente cristal, de secado ultrarrápido para uso en superficies de madera en interiores, incluidos muebles, cortes, puertas y gabinetes. Se limpia fácilmente con agua y jabón y se puede volver a pintar en solo 2 horas. **El Acabado Polycrylic** se puede utilizar sobre madera virgen y tintes tanto a base de aceite como de agua. Su claridad lo convierte en una capa de epoxi ideal sobre tintes para **Madera a Base de Agua Minwax®** y maderas claras como arce, fresno y abedul. **El Acabado Polycrylic** también resiste los daños por abrasión, raspaduras, desprendimientos, agua, alcohol y otros productos químicos domésticos comunes.

<b>Color:</b>	Crystal Clear
<b>Coverage:</b>	125 sq. ft/quart
<b>Drying Time, @77°F, 50% RH:</b>	
To Touch:	<15 minutes
Recoat:	1 hour
Dry to use/service:	3 hours / 24 hours Drying and recoat times are temperature, humidity and film thickness dependent
<b>Vehicle Type:</b>	Water
<b>Flash Point:</b>	N.A.
<b>VOC (less exempt solvents):</b>	<275 g/L As per 40 CFR 59.406 and SOR/2009-264, s.12
<b>Volume Solids:</b>	27± 2%
<b>Weight Solids:</b>	30± 2%
<b>Weight/Gallon:</b>	8.6 lb.
<b>Gloss by Sheen @ 60</b>	Ultra Flat: 0-10 Matte: 10-20 Satin: 20-30 Semi-Gloss: 52-62 Gloss >85

## Project Tips for Professional Results

### Application

1. Surface must be dry and free of wax, grease, polish, old finishes in poor condition or any foreign matter.
2. Sand to a smooth, uniform surface. DO NOT USE STEEL WOOL. Remove dust with a damp cloth. Let dry completely.
3. If desired, apply stain such as Minwax® Water Based Wood Stain or Minwax® Wood Finish™ stain to bare wood surfaces following label directions. Wait at least 24 hours before applying Polycrylic™ Finish over Minwax® Wood Finish™ stain.
4. Stir well before and regularly during use. DO NOT SHAKE. FINISH APPEARS MILKY IN CAN BUT DRIES CRYSTAL CLEAR.
5. Apply a thin coat of Polycrylic™ Finish with a high-quality synthetic bristle brush. Apply in the direction of the wood grain. Do not over-brush.
6. Let dry at least 2 hours then sand with very fine sandpaper (220 grit) to ensure an even finish and proper adhesion of additional coats. Do not use steel wool. Remove all dust.
7. Apply a second coat. For additional coats, repeat Step 6 before applying. Three coats are recommended.
8. After final coat, allow 3 hours before light handling and 24 hours before normal use.

Special Instructions: Polycrylic™ Finish should not be applied over red mahogany stains. Instead, use Minwax® Fast-Drying Polyurethane or Minwax® Water Based Oil-Modified Polyurethane over any red mahogany stain. Polycrylic™ Finish is not recommended for use on floors because it would require more frequent recoating in high traffic areas. Instead, we recommend any Minwax® polyurethane, including Minwax® Water Based Oil-Modified Polyurethane or Minwax® Ultimate Floor Finish for maximum durability.

### Protect

Finish every project with a clear protective topcoat like Minwax Fast-Dry Polyurethane or Minwax Polycrylic Protective Finish.

**Cleanup/Disposal:** Clean brushes and tools with a regionally compliant cleaner following manufacturer's safety instructions. Wash hands with soap and water. Do not pour unused contents down the drain. Consult with local authorities for proper method of disposal and recycling.

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

**DANGER!** HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT.

## Consejos de Proyecto para Obtener Resultados Profesionales

### Preparación

- Comience con madera limpia y seca, ya sea al natural o a la cual se le han removido los recubrimientos.
- Lije con una lija de grano n.º 220 en sentido de la veta de la madera y elimine el polvo del lijado.
- Aplique Minwax® Pre-Stain Wood Conditioner, en especial sobre las maderas suaves, para obtener el mejor color uniforme.

### Tinte

- Haga una prueba en un área oculta antes de entintar para asegurarse de que le guste el color.
- Mezcle bien el tinte antes de entintar y ocasionalmente durante el entintado. No agite ni diluya el tinte.
- Limpie el exceso de tinte, trabajando en sentido de la veta de la madera para mezclar las áreas claras y oscuras. Cuanto más tiempo espere, más oscuro e intenso será el color.
- Para oscurecer el color, aplique otra capa después de 2 horas. NO lije entre capas. Si está satisfecho con el color, deje que seque por completo antes de aplicar una capa de epoxi protectora.

### Protección

Termine cada proyecto con una capa de epoxi protectora transparente, como el poliuretano de secado rápido de Minwax o el acabado protector Minwax Polycrylic.

**Limpieza/Eliminación:** Limpie las brochas y herramientas con un limpiador que cumpla con las normas regionales siguiendo las instrucciones de seguridad del fabricante. Lávese las manos con agua y jabón. No vierta el contenido que no use por el drenaje. Consulte a las autoridades locales para conocer el método adecuado de eliminación y reciclaje.

**¡ATENCIÓN!** Remover la pintura vieja ya sea lijando, raspando, gastando o de cualquier otra manera creará polvo o gases que pueden contener plomo. La exposición al polvo o a los gases que contengan plomo puede causar daños al cerebro o causar otros efectos adversos a la salud, especialmente en personas menores de edad y mujeres embarazadas. Para controlar la exposición al plomo y a otras sustancias peligrosas, será necesario el uso de equipos de protección tales como un respirador apropiado aprobado por NIOSH, como así también el uso de procedimientos correctos de contención y limpieza. Para obtener más información, llame al Centro Nacional de Información sobre el Plomo al 1-800-424-5323 (en los EE. UU.) o consulte con una autoridad competente en temas de salud a nivel local.

**¡PELIGRO! NOCIVO O FATAL SI SE INGIERE. ¡COMBUSTIBLE! VAPORES NOCIVOS. IRRITA LOS OJOS, PIEL Y VÍAS RESPIRATORIAS.**

**CONTAINS ALIPHATIC HYDROCARBONS.** Contents are **COMBUSTIBLE**. Keep away from heat and open flame. **VAPOR HARMFUL.** Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.** **DANGER:** Rags, steel wool, other waste soaked with this product and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product and sanding residue in a sealed, water-filled metal container. Dispose of in accordance with local fire regulations. 26 (01/10)

**DROCARBUROS ALIFÁTICOS.** Contenido es **COMBUSTIBLE**. Mantener retirado del calor y llamas. **VAPORES NOCIVOS.** Use únicamente con la ventilación adecuada. Para evitar el contacto excesivo con el producto, abra las ventanas y las puertas o use otros medios para circular aire puro durante la aplicación y secado. Si le lagrimean los ojos, siente dolor de cabeza o mareo, aumente la circulación de aire puro o use un respirador (aprobador por **NIOSH**) o salga del lugar. Evite el contacto con los ojos y la piel. Lávese las manos después de usar la pintura. Mantenga cerrado el envase cuando no se usa. No coloque el contenido en otros envases para almacenar. **PRIMEROS AUXILIOS:** Si hubo contacto con los ojos láveselos durante 15 minutos usando mucha agua. Consulte a un médico. Si hubo contacto con la piel, lávese bien la parte afectada con agua y jabón. En caso de existir problema respiratorio, respire aire puro y llame a un médico. Si se ingiriera, póngase en contacto con un Centro de Prevención de Envenenamiento, con la sala de emergencias de un hospital o consulte a un médico inmediatamente. **EFFECTOS POSTERIORES DEBIDO AL CONTACTO POR MUCHO TIEMPO.** Contiene solvents que pueden causar daños permanentes al cerebro y al sistema nervioso. El uso erróneo deliberadamente concentrando e inhalando el contenido puede ser peligroso y hasta fatal. **CUIDADO:** Este producto contiene químicos que a conocimiento del estado de California puede causar cáncer y defectos de nacimiento u otros daños reproductivos. **NO ES PARA USO INTERNO. MANTÉNGA FUERA DEL ALCANCE DE LOS NIÑOS. PELIGRO:** Los trapos, las estopas de acero o los desechos empapados con este producto pueden prender fuego espontáneamente si no se los descarta de la manera correcta. Inmediatamente después de usarlos, coloque los trapos, las estopas de acero, cualquier otro material empapado con este producto y los residuos del lijado en un contenedor metálico lleno de agua que pueda ser cerrado herméticamente. Descártelo de acuerdo con las regulaciones locales de incendio.

**SATISFACTION GUARANTEE LIMITED WARRANTY :** This warranty is made to you, the product purchaser who owns the property where the product is applied. This warranty is not transferable, except that if a contractor purchased and applied the product to the property for you, then the warranty is transferable to you. If this product, when applied and maintained according to product application and maintenance instructions to a properly prepared surface, fails to perform to your complete satisfaction, Minwax shall, upon presentation of proof-of-purchase, either replace an equivalent quantity of product free of charge or refund the original purchase price. For a replacement or refund, please contact customer service at 1-800-523-9299. This warranty shall not apply to any defect, damage or product failure resulting from improper surface preparation, structural defects, environmental damage, failure of a previous product, deterioration or defect in the underlying substrate, or improper application or maintenance of the product. Your exclusive remedy and the sole liability of Minwax under this warranty, is the replacement of product or refund, and does not include labor or costs associated with the application or removal of any product. **IN NO EVENT SHALL MINWAX BE LIABLE FOR ANY TYPE OF INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, PUNITIVE OR INDIRECT DAMAGES, WHETHER OR NOT PURCHASER IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL HAVE THE SAME DURATION AS THE ABOVE EXPRESS WARRANTY.** Some states do not allow limitations on how long an implied warranty lasts or limitations on incidental or consequential damages, so portions of the limitations above might not apply to you. This warranty gives you specific legal rights and you may have other rights that vary from state to state.

**GARANTÍA DE SATISFACCIÓN GARANTÍA LIMITADA:** Esta garantía se le otorga a usted, el comprador del producto y dueño de la propiedad en la que se aplica el mismo. Esta garantía no es transferible, salvo que un contratista sea quien compró y aplicó el producto a la propiedad por usted, en ese caso la garantía es transferible a usted. Si este producto, cuando se aplica y mantiene en una superficie adecuada de acuerdo con las instrucciones de aplicación y mantenimiento del producto, no funciona a su entera satisfacción, Minwax deberá, previa presentación del comprobante de compra, reemplazar una cantidad equivalente de producto sin cargo o reembolsarle el precio de compra original. Para solicitar un reemplazo o reembolso, comuníquese con el servicio al cliente al 1-800-523-9299. Esta garantía no tendrá validez en caso de cualquier defecto, daño o falla del producto que resulte de la inadecuada preparación de la superficie, defectos estructurales, daños ambientales, falla de un producto anterior, deterioro o defecto en el sustrato subyacente, o aplicación o mantenimiento inadecuados del producto. Su recurso exclusivo de compensación y la única responsabilidad de Minwax en virtud de esta garantía es el reembolso o reemplazo del producto, lo cual no incluye la mano de obra ni los costos asociados con la aplicación o retiro de ningún producto. **EN NINGÚN CASO MINWAX SERÁ RESPONSABLE DE CUALQUIER TIPO DE DAÑOS FORTUITOS, CONSECUENTES, ESPECIALES, EJEMPLARES, PUNITIVOS O INDIRECTOS, INDEPENDIENTEMENTE DE SI EL COMPRADOR FUE O NO ADVERTIDO SOBRE ESTOS. TODAS LAS GARANTÍAS IMPLÍCITAS, INCLUIDAS LAS GARANTÍAS DE COMERCIABILIDAD E IDONEIDAD PARA UN FIN DETERMINADO, TENDRÁN LA MISMA DURACIÓN QUE EXPRESA LA GARANTÍA ANTERIOR.** Algunos estados no permiten limitaciones en cuanto a la duración de una garantía implícita ni limitaciones en cuanto a los daños fortuitos o consecuentes, por lo que es posible que parte de las limitaciones anteriores no se apliquen en su caso. Esta garantía le otorga derechos legales específicos y usted también puede tener otros derechos que varían en función del estado.

# Wood Finish Color Series



## Wood Finish Color Series

This penetrating, oil-based stain enhances wood grain with superior control in just one coat. The tintable oil base can be customized to over 240 colors. Ideal for unfinished wood furniture, cabinets, doors, trim, molding, and hardwood floors.

## Serie de colores para acabados de madera

Este tinte penetrante, a base de aceite, realza la veta de la madera gracias al control superior y en una sola capa. La base de aceite teñible se puede personalizar con más de 240 colores. Ideal para muebles de madera no terminados, gabinetes, puertas, cortes, molduras y pisos de madera dura

### Physical Properties/Propiedades Físicas

<b>Color/Color:</b>	<b>Tint Bases:</b> Clear, White <b>Packaged Colors:</b> Amber, Dark Walnut, Early American, Golden Oak, Simply White, True Black	<b>Bases con tinte:</b> Blanco, transparente <b>Colores envasados:</b> ámbar, nogal oscuro, americano temprano, roble dorado, simplemente blanco, negro verdadero
<b>Coverage/Cobertura:</b>	250 sq. ft./quart	250 pies cuadrados/cuarto de galón
<b>DryingTime, @77°F, 50% RH/Tiempo de secado a 77 °F y 50 % de HR:</b>		
Recoat/Recubrimiento:	2 hours	2 horas
Topcoat/Epoxi:	6 hours	6 horas
	Drying and recoat times are temperature, humidity and film thickness dependent.	Les délais de séchage et de réapplication dépendent de la température, de l'humidité et de l'épaisseur du feuil.
<b>Vehicle Type/Tipo de vehículo:</b> <b>Flash Point/Punto de inflamación:</b>	Alkyd N/A	Alquídica N/C
<b>VOC(less_exempt_solvents)/Compuestos orgánicos volátiles (VOC) (salvo solventes exentos):</b>	<250 g/L As per 40 CFR 59.406 and SOR/2009-264, s.12	<250 g/l Cumple con las directrices del Código de Reglamentos Federales (CFR), Título 40, Artículo 59.406, y a las Regulaciones de Productos Orgánicos SOR/2009-264, art. 12
<b>Volume Solids/Sólidos por volumen:</b> <b>Weight Solids/Sólidos por peso:</b> <b>Weight/Gallon/Peso/Galones:</b>	68 - 72% 74 - 79% 7.68 lb/gal (+/- 1)	68 - 72% 74 - 79% 7,68 lb/gal (+/- 1)
<b>Recommended Use/Usó Recomendado</b>	Interior Use Only.	Para uso interior solamente.

### Specification/Especificación

#### Suggested systems:

##### Speed & Clarity

- 1st: Minwax Pre-Stain Wood Conditioner Oil Based \*Optional
- 2nd: Minwax Tintable Oil
- 3rd: Minwax Fast Dry Polyurethane or Polycrylic® Protective Finish

#### Sistemas sugeridos:

##### Rapidez y claridad

- Primero: Acondicionador para madera a base de aceite previo al tinte Minwax \* opcional
- Segundo: Aceite teñible Minwax
- Tercero: Poliuretano de secado rápido o el acabado protector Polycrylic® de Minwax.



## Project Tips for Professional Results

### Prep

- Start with bare/stripped wood that's clean and dry.
- Sand with #120-grit sandpaper in direction of the wood grain and remove sanding dust and end with #180-grit sandpaper.
- Apply Minwax Pre-Stain Wood Conditioner — especially on softwoods — for best, even color." (Optional)

### Stain

- Test before staining on a hidden spot to make sure you like the color.
- Stir stain well before and occasionally during staining. **Don't shake or thin stain.**
- Wipe away excess stain, working with wood grain to blend lighter/darker areas together. The longer you wait, the darker/richer the color.
- To darken color, recoat after 2 hours. Do NOT sand between coats. If happy with the color, let dry completely before applying a protective topcoat.

### Protect

Finish every project with a clear protective topcoat like Minwax Fast-Dry Polyurethane or Minwax Polycrylic Protective Finish.

### Cleanup/Disposal:

- Clean brushes and tools with a regionally compliant cleaner following manufacturer's safety instructions.
- Wash hands with soap and water.
- Do not pour unused contents down the drain.
- Consult with local authorities for proper method of disposal and recycling.

## Consejos de Proyecto para Obtener Resultados Profesionales

### Preparación

- Comience con madera limpia y seca, ya sea al natural o decapadas.
- Lije con papel de lija de grano n.º 120 en el sentido de la veta de la madera y elimine el polvo del lijado y terminar con papel de lija de grano n.º 180.
- Aplique acondicionador para madera previo al tinte de Minwax, en especial sobre las maderas suaves, para obtener el mejor color uniforme." (Opcional)

### Tinte

- Haga una prueba en un área oculta antes de teñir para asegurarse de que le guste el color.
- Mezcle bien el tinte antes de entintar y ocasionalmente durante el entintado. **No agite ni diluya el tinte.**
- Limpie el exceso de tinte, trabajando en sentido de la veta de la madera para mezclar las áreas claras y oscuras. Cuanto más tiempo espere, más oscuro e intenso será el color.
- Para oscurecer el color, aplique otra capa después de 2 horas. NO lije entre capas. Si está satisfecho con el color, deje que seque por completo antes de aplicar una capa de epoxi protectora.

### Protección

Termine cada proyecto con una capa de epoxi protectora transparente, como Minwax Polycrylic cristalino o poliuretano de secado rápido Minwax ámbar cálido.

### Limpieza/Eliminación:

- Limpie las brochas y herramientas con un limpiador que cumpla con las normas regionales siguiendo las instrucciones de seguridad del fabricante.
- Lávese las manos con agua y jabón.
- No vierta el contenido que no use por el drenaje.
- Consulte a las autoridades locales para conocer el método adecuado de eliminación y reciclaje.

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

**¡ADVERTENCIA!** La eliminación de la pintura vieja mediante lija, raspado u otro medio podría generar polvo o vapores que contengan plomo. La exposición al polvo y los vapores con plomo puede causar daño cerebral u otros problemas de salud, especialmente en el caso de niños y mujeres embarazadas. Para controlar la exposición al plomo y otras sustancias peligrosas se deben utilizar equipos de protección adecuados, como un respirador bien ajustado (aprobado por NIOSH) y una contención y limpieza correctos. Para obtener más información, llame al Centro Nacional de Información sobre Plomo al 1-800-424-LEAD (en EE. UU.) o comuníquese con su autoridad local de la salud.

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# **Environmental Data Sheets**

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Dec 11, 2025

40 00 [3455]

## PRODUCT NUMBER

B20W12651

## PRODUCT NAME

PROMAR® 200 Zero VOC Interior Latex Eg-Shel, Extra White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Ave.

Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production.

## Hazard Category (for SARA 311.312)

B20W12651 = | Chronic |

## Product Weight

10.81 lb/gal

## Specific Gravity

1.30

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	46	58

## Volatile Organic Compounds - U.S. EPA / Canada

	B20W12651	
	LB/Gal	g/L
Coating Density	10.81	1295
	By wt	By vol
Total Volatiles	45.9%	58.0%
Federally exempt solvents		
Water	45.9%	58.0%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	54.1%	42.0%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**



**Volatile Organic Compounds - California**

	B20W12651	
	LB/Gal	g/L
Coating Density	10.81	1295
	By wt	By vol
Total Volatiles	45.9%	58.0%
Exempt solvents		
Water	45.9%	58.0%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	54.1%	42.0%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B20W12651	
	LB/Gal	g/L
Coating Density	10.81	1295
	By wt	By vol
Total Volatiles	45.9%	58.0%
Exempt solvents		
Water	45.9%	58.0%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	54.1%	42.0%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B20W12651	
	By wt	By vol
Total Volatiles	45.9%	58.0%
VOC Content	LB/Gal	g/L
Total	0.00	0

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B20W12651	
	By wt	By vol
Total Volatiles	45.9%	58.0%
VOC Content	LB/Gal	g/L
Total	0.00	0

### Volatile Organic Compounds - Mexico

	B20W12651	
	LB/Gal	g/L
Coating Density	10.81	1295
	By wt	By vol
Total Volatiles	45.9%	58.0%
Exempt solvents		
Water	45.9%	58.0%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	54.1%	42.0%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	B20W12651	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

5.41 lb/gal

#### Photochemically Reactive

No

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

The addition of any material to this product can change the composition, hazards and risks of the product and may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Nov 16, 2025

16 00 [3205]

## PRODUCT NUMBER

K45W2151

## PRODUCT NAME

PRO INDUSTRIAL™ Pre-Catalyzed Waterbased Epoxy Eg-Shel, Extra White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

K45W2151 = | Chronic |

## Product Weight

10.77 lb/gal

## Specific Gravity

1.30

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	46	61

## Volatile Organic Compounds - U.S. EPA / Canada

	K45W2151	
	LB/Gal	g/L
Coating Density	10.77	1290
	By wt	By vol
Total Volatiles	47.4%	62.7%
Federally exempt solvents		
Water	46.4%	61.2%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.4%
Organic Volatiles	0.8%	1.1%
Percent Non-Volatile	52.6%	37.3%
VOC Content	LB/Gal	g/L
Total	0.08	10
Less exempt solvents	0.21	26
Of solids	0.22	27
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.01**

**Volatile Organic Compounds - California**

	K45W2151	
	LB/Gal	g/L
Coating Density	10.77	1290
	By wt	By vol
Total Volatiles	47.4%	62.7%
Exempt solvents		
Water	46.4%	61.2%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.4%
Organic Volatiles	0.8%	1.1%
Percent Non-Volatile	52.6%	37.3%
VOC Content	LB/Gal	g/L
Total	0.08	10
Less exempt solvents	0.21	26
Of solids	0.22	27
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.01**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	K45W2151	
	LB/Gal	g/L
Coating Density	10.77	1290
	By wt	By vol
Total Volatiles	47.4%	62.7%
Exempt solvents		
Water	46.4%	61.2%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.4%
Organic Volatiles	0.8%	1.1%
Percent Non-Volatile	52.6%	37.3%
VOC Content	LB/Gal	g/L
Total	0.08	10
Less exempt solvents	0.21	26
Of solids	0.22	27
Of solids	0.01 lb/lb	0.01 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	K45W2151	
	By wt	By vol
Total Volatiles	47.4%	62.7%
VOC Content	LB/Gal	g/L
Total	0.08	10

### Volatile Organic Compounds - EU Directive 2010/75/EU

	K45W2151	
	By wt	By vol
Total Volatiles	46.6%	61.6%
VOC Content	LB/Gal	g/L
Total	0.00	0

### Volatile Organic Compounds - Mexico

	K45W2151	
	LB/Gal	g/L
Coating Density	10.77	1290
	By wt	By vol
Total Volatiles	47.4%	62.7%
Exempt solvents		
Water	46.4%	61.2%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.4%
Organic Volatiles	0.8%	1.1%
Percent Non-Volatile	52.6%	37.3%
VOC Content	LB/Gal	g/L
Total	0.08	10
Less exempt solvents	0.21	26
Of solids	0.22	27
Of solids	0.01 lb/lb	0.01 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	K45W2151	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

7.21 lb/gal

#### Photochemically Reactive

No

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Nov 16, 2025

15 00 [3205]

## PRODUCT NUMBER

K46W2151

## PRODUCT NAME

PRO INDUSTRIAL™ Pre-Catalyzed Waterbased Epoxy Semi-Gloss, Extra White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

K46W2151 = | Chronic |

## Product Weight

10.38 lb/gal

## Specific Gravity

1.25

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	50	64

## Volatile Organic Compounds - U.S. EPA / Canada

	K46W2151	
	LB/Gal	g/L
Coating Density	10.38	1244
	By wt	By vol
Total Volatiles	51.4%	65.5%
Federally exempt solvents		
Water	50.3%	64.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.4%
Organic Volatiles	0.8%	1.1%
Percent Non-Volatile	48.6%	34.5%
VOC Content	LB/Gal	g/L
Total	0.08	10
Less exempt solvents	0.24	28
Of solids	0.25	30
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.01**



**Volatile Organic Compounds - California**

	K46W2151	
	LB/Gal	g/L
Coating Density	10.38	1244
	By wt	By vol
Total Volatiles	51.4%	65.5%
Exempt solvents		
Water	50.3%	64.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.4%
Organic Volatiles	0.8%	1.1%
Percent Non-Volatile	48.6%	34.5%
VOC Content	LB/Gal	g/L
Total	0.08	10
Less exempt solvents	0.24	28
Of solids	0.25	30
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.01**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	K46W2151	
	LB/Gal	g/L
Coating Density	10.38	1244
	By wt	By vol
Total Volatiles	51.4%	65.5%
Exempt solvents		
Water	50.3%	64.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.4%
Organic Volatiles	0.8%	1.1%
Percent Non-Volatile	48.6%	34.5%
VOC Content	LB/Gal	g/L
Total	0.08	10
Less exempt solvents	0.24	28
Of solids	0.25	30
Of solids	0.01 lb/lb	0.01 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	K46W2151	
	By wt	By vol
Total Volatiles	51.4%	65.5%
VOC Content	LB/Gal	g/L
Total	0.08	10

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	K46W2151	
	By wt	By vol
Total Volatiles	50.6%	64.4%
VOC Content	LB/Gal	g/L
Total	0.00	0

**Volatile Organic Compounds - Mexico**

	K46W2151	
	LB/Gal	g/L
Coating Density	10.38	1244
	By wt	By vol
Total Volatiles	51.4%	65.5%
Exempt solvents		
Water	50.3%	64.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.4%
Organic Volatiles	0.8%	1.1%
Percent Non-Volatile	48.6%	34.5%
VOC Content	LB/Gal	g/L
Total	0.08	10
Less exempt solvents	0.24	28
Of solids	0.25	30
Of solids	0.01 lb/lb	0.01 kg/kg

**Hazardous Air Pollutants (Clean Air Act, Section 112(b))**

	K46W2151	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

**Air Quality Data**
**Density of Organic Solvent Blend**

7.22 lb/gal

**Photochemically Reactive**

No

**Waste Disposal**

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Dec 2, 2025

27 00 [3365]

## PRODUCT NUMBER

B42T81

## PRODUCT NAME

PRO INDUSTRIAL™ Waterborne Acrylic Dryfall - Flat, Ultradeep Base

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

B42T81 = | Acute | Chronic |

## Product Weight

14.07 lb/gal

## Specific Gravity

1.69

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	19	33

## Regulated Compounds

	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Glycol Ethers (SARA)	N	N	N	1	

**Volatile Organic Compounds - U.S. EPA / Canada**

	B42T81	
	LB/Gal	g/L
Coating Density	14.07	1685
	By wt	By vol
Total Volatiles	20.8%	36.2%
Federally exempt solvents		
Water	19.3%	32.3%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	1.4%	2.7%
Percent Non-Volatile	79.2%	63.8%
VOC Content	LB/Gal	g/L
Total	0.20	24
Less exempt solvents	0.30	36
Of solids	0.31	37
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.7%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.03**

**Volatile Organic Compounds - California**

	B42T81	
	LB/Gal	g/L
Coating Density	14.07	1685
	By wt	By vol
Total Volatiles	20.8%	36.2%
Exempt solvents		
Water	19.3%	32.3%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	1.4%	2.7%
Percent Non-Volatile	79.2%	63.8%
VOC Content	LB/Gal	g/L
Total	0.20	24
Less exempt solvents	0.30	36
Of solids	0.31	37
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.7%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.03**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B42T81	
	LB/Gal	g/L
Coating Density	14.07	1685
	By wt	By vol
Total Volatiles	20.8%	36.2%
Exempt solvents		
Water	19.3%	32.3%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	1.4%	2.7%
Percent Non-Volatile	79.2%	63.8%
VOC Content	LB/Gal	g/L
Total	0.20	24
Less exempt solvents	0.30	36
Of solids	0.31	37
Of solids	0.01 lb/lb	0.01 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B42T81	
	By wt	By vol
Total Volatiles	20.8%	36.2%
VOC Content	LB/Gal	g/L
Total	0.20	24

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B42T81	
	By wt	By vol
Total Volatiles	20.1%	34.9%
VOC Content	LB/Gal	g/L
Total	0.10	12

**Volatile Organic Compounds - Mexico**

	B42T81	
	LB/Gal	g/L
Coating Density	14.07	1685
	By wt	By vol
Total Volatiles	20.8%	36.2%
Exempt solvents		
Water	19.3%	32.3%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	1.4%	2.7%
Percent Non-Volatile	79.2%	63.8%
VOC Content	LB/Gal	g/L
Total	0.20	24
Less exempt solvents	0.30	36
Of solids	0.31	37
Of solids	0.01 lb/lb	0.01 kg/kg

**Hazardous Air Pollutants (Clean Air Act, Section 112(b))**

	B42T81	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

**Air Quality Data****Density of Organic Solvent Blend**

7.43 lb/gal

**Photochemically Reactive**

No

**Waste Disposal**

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Nov 21, 2025

35 00 [3255]

## PRODUCT NUMBER

B79W8810

## PRODUCT NAME

ProBlock® Primer, Interior Oil-Based, White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

B79W8810 = | Acute | Chronic | Fire |

## Product Weight

12.35 lb/gal

## Specific Gravity

1.49

## FLASH POINT

62 °F PMCC

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Lt. Aliphatic Hydrocarbon Solvent 64742-89-8	N	N	N	13	26
Mineral Spirits 140-Flash 64742-88-7	N	N	N	7	13
Ethylbenzene 100-41-4	N	Y	Y	0.5	0.8
Xylene 1330-20-7	N	Y	Y	3	5



**Volatile Organic Compounds - U.S. EPA / Canada**

	B79W8810	
	LB/Gal	g/L
Coating Density	12.35	1480
	By wt	By vol
Total Volatiles	23.5%	45.2%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	23.5%	45.2%
Percent Non-Volatile	76.5%	54.8%
VOC Content	LB/Gal	g/L
Total	2.89	347
Less exempt solvents	2.89	347
Of solids	5.29	634
Of solids	0.30 lb/lb	0.30 kg/kg
	By wt	
By wt LVP-VOC	23.5%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.45**

**Volatile Organic Compounds - California**

	B79W8810	
	LB/Gal	g/L
Coating Density	12.35	1480
	By wt	By vol
Total Volatiles	23.5%	45.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	23.5%	45.2%
Percent Non-Volatile	76.5%	54.8%
VOC Content	LB/Gal	g/L
Total	2.89	347
Less exempt solvents	2.89	347
Of solids	5.29	634
Of solids	0.30 lb/lb	0.30 kg/kg
	By wt	
By wt LVP-VOC	23.5%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.42**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B79W8810	
	LB/Gal	g/L
Coating Density	12.35	1480
	By wt	By vol
Total Volatiles	23.5%	45.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	23.5%	45.2%
Percent Non-Volatile	76.5%	54.8%
VOC Content	LB/Gal	g/L
Total	2.89	347
Less exempt solvents	2.89	347
Of solids	5.29	634
Of solids	0.30 lb/lb	0.30 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B79W8810	
	By wt	By vol
Total Volatiles	23.5%	45.2%
VOC Content	LB/Gal	g/L
Total	2.89	347

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B79W8810	
	By wt	By vol
Total Volatiles	23.5%	45.2%
VOC Content	LB/Gal	g/L
Total	2.89	347

**Volatile Organic Compounds - Mexico**

	B79W8810	
	LB/Gal	g/L
Coating Density	12.35	1480
	By wt	By vol
Total Volatiles	23.5%	45.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	23.5%	45.2%
Percent Non-Volatile	76.5%	54.8%
VOC Content	LB/Gal	g/L
Total	2.89	347
Less exempt solvents	2.89	347
Of solids	5.29	634
Of solids	0.30 lb/lb	0.30 kg/kg

**Hazardous Air Pollutants (Clean Air Act, Section 112(b))**

	B79W8810	
	LB/Gal	kg/L
Volatile HAPS	0.38	0.046
Of solids	0.70	0.084
Of solids	0.04 lb/lb	0.04 kg/kg

**Air Quality Data****Density of Organic Solvent Blend**

6.41 lb/gal

**Photochemically Reactive**

Yes

**Waste Disposal**

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

The addition of any material to this product can change the composition, hazards and risks of the product and may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Oct 1, 2025

49 00 [2745]

## PRODUCT NUMBER

B20T2654

## PRODUCT NAME

PROMAR® 200 Zero VOC Interior Latex Eg-Shel, Ultradeep Base

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Ave.  
Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

B20T2654 = | Acute | Chronic |

## Product Weight

9.69 lb/gal

## Specific Gravity

1.17

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	60	70

## Volatile Organic Compounds - U.S. EPA / Canada

	B20T2654	
	LB/Gal	g/L
Coating Density	9.69	1161
	By wt	By vol
Total Volatiles	60.1%	70.1%
Federally exempt solvents		
Water	60.1%	70.1%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	39.9%	29.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

**Volatile Organic Compounds - California**

	B20T2654	
	LB/Gal	g/L
Coating Density	9.69	1161
	By wt	By vol
Total Volatiles	60.1%	70.1%
Exempt solvents		
Water	60.1%	70.1%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	39.9%	29.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B20T2654	
	LB/Gal	g/L
Coating Density	9.69	1161
	By wt	By vol
Total Volatiles	60.1%	70.1%
Exempt solvents		
Water	60.1%	70.1%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	39.9%	29.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B20T2654	
	By wt	By vol
Total Volatiles	60.1%	70.1%
VOC Content	LB/Gal	g/L
Total	0.00	0

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B20T2654	
	By wt	By vol
Total Volatiles	60.1%	70.1%
VOC Content	LB/Gal	g/L
Total	0.00	0

### Volatile Organic Compounds - Mexico

	B20T2654	
	LB/Gal	g/L
Coating Density	9.69	1161
	By wt	By vol
Total Volatiles	60.1%	70.1%
Exempt solvents		
Water	60.1%	70.1%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	39.9%	29.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	B20T2654	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

8.04 lb/gal

#### Photochemically Reactive

No

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

The addition of any material to this product can change the composition, hazards and risks of the product and may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jun 12, 2025

14 00 [1635]

## PRODUCT NUMBER

K46W1153

## PRODUCT NAME

PRO INDUSTRIAL™ Pre-Catalyzed Waterbased Epoxy Semi-Gloss, Deep Base

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

K46W1153 = | Chronic |

## Product Weight

9.50 lb/gal

## Specific Gravity

1.14

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
1-(2-Butoxymethylethoxy)-propanol 29911-28-2	N	N	N	1	2
Water 7732-18-5	N	N	N	56	65

## Volatile Organic Compounds - U.S. EPA / Canada

	K46W1153	
	LB/Gal	g/L
Coating Density	9.50	1137
	By wt	By vol
Total Volatiles	57.5%	67.2%
Federally exempt solvents		
Water	55.8%	65.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.3%	0.5%
Organic Volatiles	1.4%	1.7%
Percent Non-Volatile	42.5%	32.8%
VOC Content	LB/Gal	g/L
Total	0.13	15
Less exempt solvents	0.37	44
Of solids	0.39	47
Of solids	0.03 lb/lb	0.03 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.02**



**Volatile Organic Compounds - California**

	K46W1153	
	LB/Gal	g/L
Coating Density	9.50	1137
	By wt	By vol
Total Volatiles	57.5%	67.2%
Exempt solvents		
Water	55.8%	65.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.3%	0.5%
Organic Volatiles	1.4%	1.7%
Percent Non-Volatile	42.5%	32.8%
VOC Content	LB/Gal	g/L
Total	0.13	15
Less exempt solvents	0.37	44
Of solids	0.39	47
Of solids	0.03 lb/lb	0.03 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.02**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	K46W1153	
	LB/Gal	g/L
Coating Density	9.50	1137
	By wt	By vol
Total Volatiles	57.5%	67.2%
Exempt solvents		
Water	55.8%	65.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.3%	0.5%
Organic Volatiles	1.4%	1.7%
Percent Non-Volatile	42.5%	32.8%
VOC Content	LB/Gal	g/L
Total	0.13	15
Less exempt solvents	0.37	44
Of solids	0.39	47
Of solids	0.03 lb/lb	0.03 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	K46W1153	
	By wt	By vol
Total Volatiles	57.5%	67.2%
VOC Content	LB/Gal	g/L
Total	0.13	15

### **Volatile Organic Compounds - EU Directive 2010/75/EU**

	K46W1153	
	By wt	By vol
Total Volatiles	56.2%	65.5%
VOC Content	LB/Gal	g/L
Total	0.00	0

### **Volatile Organic Compounds - Mexico**

	K46W1153	
	LB/Gal	g/L
Coating Density	9.50	1137
	By wt	By vol
Total Volatiles	57.5%	67.2%
Exempt solvents		
Water	55.8%	65.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.3%	0.5%
Organic Volatiles	1.4%	1.7%
Percent Non-Volatile	42.5%	32.8%
VOC Content	LB/Gal	g/L
Total	0.13	15
Less exempt solvents	0.37	44
Of solids	0.39	47
Of solids	0.03 lb/lb	0.03 kg/kg

### **Hazardous Air Pollutants (Clean Air Act, Section 112(b))**

	K46W1153	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### **Air Quality Data**

#### **Density of Organic Solvent Blend**

7.28 lb/gal

#### **Photochemically Reactive**

No

### **Waste Disposal**

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Nov 16, 2025

54 00 [3205]

## PRODUCT NUMBER

B31W2651

## PRODUCT NAME

PROMAR® 200 Zero VOC Interior Latex Semi-Gloss, Extra White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Ave.  
Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

B31W2651 = | Acute | Chronic |

## Product Weight

10.28 lb/gal

## Specific Gravity

1.24

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	51	62

## Volatile Organic Compounds - U.S. EPA / Canada

	B31W2651	
	LB/Gal	g/L
Coating Density	10.28	1231
	By wt	By vol
Total Volatiles	50.9%	62.1%
Federally exempt solvents		
Water	50.9%	62.1%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	49.1%	37.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

**Volatile Organic Compounds - California**

	B31W2651	
	LB/Gal	g/L
Coating Density	10.28	1231
	By wt	By vol
Total Volatiles	50.9%	62.1%
Exempt solvents		
Water	50.9%	62.1%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	49.1%	37.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B31W2651	
	LB/Gal	g/L
Coating Density	10.28	1231
	By wt	By vol
Total Volatiles	50.9%	62.1%
Exempt solvents		
Water	50.9%	62.1%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	49.1%	37.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B31W2651	
	By wt	By vol
Total Volatiles	50.9%	62.1%
VOC Content	LB/Gal	g/L
Total	0.00	0

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B31W2651	
	By wt	By vol
Total Volatiles	50.9%	62.1%
VOC Content	LB/Gal	g/L
Total	0.00	0

### Volatile Organic Compounds - Mexico

	B31W2651	
	LB/Gal	g/L
Coating Density	10.28	1231
	By wt	By vol
Total Volatiles	50.9%	62.1%
Exempt solvents		
Water	50.9%	62.1%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	49.1%	37.9%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	B31W2651	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

6.42 lb/gal

#### Photochemically Reactive

No

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Sep 13, 2025

42 00 [2565]

## PRODUCT NUMBER

B20W2653

## PRODUCT NAME

PROMAR® 200 Zero VOC Interior Latex Eg-Shel, Deep Base

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Ave.

Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

B20W2653 = | Acute | Chronic |

## Product Weight

10.14 lb/gal

## Specific Gravity

1.22

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	53	64

## Volatile Organic Compounds - U.S. EPA / Canada

	B20W2653	
	LB/Gal	g/L
Coating Density	10.14	1214
	By wt	By vol
Total Volatiles	52.7%	64.2%
Federally exempt solvents		
Water	52.7%	64.2%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	47.3%	35.8%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

**Volatile Organic Compounds - California**

	B20W2653	
	LB/Gal	g/L
Coating Density	10.14	1214
	By wt	By vol
Total Volatiles	52.7%	64.2%
Exempt solvents		
Water	52.7%	64.2%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	47.3%	35.8%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B20W2653	
	LB/Gal	g/L
Coating Density	10.14	1214
	By wt	By vol
Total Volatiles	52.7%	64.2%
Exempt solvents		
Water	52.7%	64.2%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	47.3%	35.8%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B20W2653	
	By wt	By vol
Total Volatiles	52.7%	64.2%
VOC Content	LB/Gal	g/L
Total	0.00	0

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B20W2653	
	By wt	By vol
Total Volatiles	52.7%	64.2%
VOC Content	LB/Gal	g/L
Total	0.00	0



### **Volatile Organic Compounds - Mexico**

	B20W2653	
	LB/Gal	g/L
Coating Density	10.14	1214
	By wt	By vol
Total Volatiles	52.7%	64.2%
Exempt solvents		
Water	52.7%	64.2%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	47.3%	35.8%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

### **Hazardous Air Pollutants (Clean Air Act, Section 112(b))**

	B20W2653	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### **Air Quality Data**

**Density of Organic Solvent Blend**

6.33 lb/gal

**Photochemically Reactive**

No

### **Waste Disposal**

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Feb 7, 2025

18 00 [0385]

## PRODUCT NUMBER

71500/74500

## PRODUCT NAME

MINWAX® Performance Series, Clear

## MANUFACTURER'S NAME

MINWAX COMPANY  
101 W. Prospect Ave  
Cleveland, Ohio 44115

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## Hazard Category (for SARA 311.312)

71500/74500 = | Acute | Chronic | Fire |

## Product Weight

7.32 lb/gal

## Specific Gravity

0.88

## FLASH POINT

105 °F PMCC

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Mineral Spirits 140-Flash 64742-88-7	N	N	N	51	57
Ethylbenzene 100-41-4	N	Y	Y	0.4	0.4
Xylene 1330-20-7	N	Y	Y	2	2
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	3	3
Cumene 98-82-8	N	Y	Y	0.2	0.2
Trimethylbenzene 25551-13-7	N	N	N	1	1

## Regulated Compounds

	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Cobalt Compound	N	N	Y	0.1	

**Volatile Organic Compounds - U.S. EPA / Canada**

	71500/74500	
	LB/Gal	g/L
Coating Density	7.32	877
	By wt	By vol
Total Volatiles	59.9%	66.4%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	59.9%	66.4%
Percent Non-Volatile	40.1%	33.6%
VOC Content	LB/Gal	g/L
Total	4.38	525
Less exempt solvents	4.38	525
Of solids	13.05	1564
Of solids	1.49 lb/lb	1.49 kg/kg
	By wt	
By wt LVP-VOC	59.9%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.06**

**Volatile Organic Compounds - California**

	71500/74500	
	LB/Gal	g/L
Coating Density	7.32	877
	By wt	By vol
Total Volatiles	59.9%	66.4%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	59.9%	66.4%
Percent Non-Volatile	40.1%	33.6%
VOC Content	LB/Gal	g/L
Total	4.38	525
Less exempt solvents	4.38	525
Of solids	13.05	1564
Of solids	1.49 lb/lb	1.49 kg/kg
	By wt	
By wt LVP-VOC	59.9%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **1.02**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	71500/74500	
	LB/Gal	g/L
Coating Density	7.32	877
	By wt	By vol
Total Volatiles	59.9%	66.4%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	59.9%	66.4%
Percent Non-Volatile	40.1%	33.6%
VOC Content	LB/Gal	g/L
Total	4.38	525
Less exempt solvents	4.38	525
Of solids	13.05	1564
Of solids	1.49 lb/lb	1.49 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	71500/74500	
	By wt	By vol
Total Volatiles	59.9%	66.4%
VOC Content	LB/Gal	g/L
Total	4.38	525

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	71500/74500	
	By wt	By vol
Total Volatiles	59.9%	66.4%
VOC Content	LB/Gal	g/L
Total	4.38	525

**Volatile Organic Compounds - Mexico**

	71500/74500	
	LB/Gal	g/L
Coating Density	7.32	877
	By wt	By vol
Total Volatiles	59.9%	66.4%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	59.9%	66.4%
Percent Non-Volatile	40.1%	33.6%
VOC Content	LB/Gal	g/L
Total	4.38	525
Less exempt solvents	4.38	525
Of solids	13.05	1564
Of solids	1.49 lb/lb	1.49 kg/kg

**Hazardous Air Pollutants (Clean Air Act, Section 112(b))**

	71500/74500	
	LB/Gal	kg/L
Volatile HAPS	0.21	0.025
Of solids	0.63	0.076
Of solids	0.07 lb/lb	0.07 kg/kg

**Air Quality Data****Density of Organic Solvent Blend**

6.60 lb/gal

**Photochemically Reactive**

Yes

**Waste Disposal**

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Nov 4, 2025

52 00 [2565]

## PRODUCT NUMBER

B51W620

## PRODUCT NAME

ProBlock® Premium All-Purpose Water-Based Interior/Exterior Primer, White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

B51W620 = | Acute | Chronic |

## Product Weight

10.89 lb/gal

## Specific Gravity

1.31

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	48	65

## Volatile Organic Compounds - U.S. EPA / Canada

	B51W620	
	LB/Gal	g/L
Coating Density	10.89	1304
	By wt	By vol
Total Volatiles	48.4%	64.9%
Federally exempt solvents		
Water	48.3%	64.7%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	51.6%	35.1%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

**Volatile Organic Compounds - California**

	B51W620	
	LB/Gal	g/L
Coating Density	10.89	1304
	By wt	By vol
Total Volatiles	48.4%	64.9%
Exempt solvents		
Water	48.3%	64.7%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	51.6%	35.1%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B51W620	
	LB/Gal	g/L
Coating Density	10.89	1304
	By wt	By vol
Total Volatiles	48.4%	64.9%
Exempt solvents		
Water	48.3%	64.7%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	51.6%	35.1%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B51W620	
	By wt	By vol
Total Volatiles	48.4%	64.9%
VOC Content	LB/Gal	g/L
Total	0.00	0



### Volatile Organic Compounds - EU Directive 2010/75/EU

	B51W620	
	By wt	By vol
Total Volatiles	48.4%	64.9%
VOC Content	LB/Gal	g/L
Total	0.00	0

### Volatile Organic Compounds - Mexico

	B51W620	
	LB/Gal	g/L
Coating Density	10.89	1304
	By wt	By vol
Total Volatiles	48.4%	64.9%
Exempt solvents		
Water	48.3%	64.7%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	51.6%	35.1%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	B51W620	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

6.27 lb/gal

#### Photochemically Reactive

No

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

The addition of any material to this product can change the composition, hazards and risks of the product and may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Nov 15, 2025

18 00 [3195]

## PRODUCT NUMBER

A6W351

## PRODUCT NAME

A-100® Exterior Latex Flat, Extra White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

A6W351 = | Acute | Chronic |

## Product Weight

11.00 lb/gal

## Specific Gravity

1.32

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	50	65

## Regulated Compounds

	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Zinc (as Zn)	N	Y	N	2	

## Volatile Organic Compounds - U.S. EPA / Canada

	A6W351	
	LB/Gal	g/L
Coating Density	11.00	1317
	By wt	By vol
Total Volatiles	50.5%	65.8%
Federally exempt solvents		
Water	49.7%	64.7%
Organic Volatiles	0.7%	0.9%
Percent Non-Volatile	49.5%	34.2%
VOC Content	LB/Gal	g/L
Total	0.08	9
Less exempt solvents	0.22	27
Of solids	0.23	28
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) 0.01

**Volatile Organic Compounds - California**

	A6W351	
	LB/Gal	g/L
Coating Density	11.00	1317
	By wt	By vol
Total Volatiles	50.5%	65.8%
Exempt solvents		
Water	49.7%	64.7%
Organic Volatiles	0.7%	0.9%
Percent Non-Volatile	49.5%	34.2%
VOC Content	LB/Gal	g/L
Total	0.08	9
Less exempt solvents	0.22	27
Of solids	0.23	28
Of solids	0.01 lb/lb	0.01 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.01**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	A6W351	
	LB/Gal	g/L
Coating Density	11.00	1317
	By wt	By vol
Total Volatiles	50.5%	65.8%
Exempt solvents		
Water	49.7%	64.7%
Organic Volatiles	0.7%	0.9%
Percent Non-Volatile	49.5%	34.2%
VOC Content	LB/Gal	g/L
Total	0.08	9
Less exempt solvents	0.22	27
Of solids	0.23	28
Of solids	0.01 lb/lb	0.01 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	A6W351	
	By wt	By vol
Total Volatiles	50.2%	65.3%
VOC Content	LB/Gal	g/L
Total	0.04	5

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	A6W351	
	By wt	By vol
Total Volatiles	50.1%	65.2%
VOC Content	LB/Gal	g/L
Total	0.04	4

### Volatile Organic Compounds - Mexico

	A6W351	
	LB/Gal	g/L
Coating Density	11.00	1317
	By wt	By vol
Total Volatiles	50.5%	65.8%
Exempt solvents		
Water	49.7%	64.7%
Organic Volatiles	0.7%	0.9%
Percent Non-Volatile	49.5%	34.2%
VOC Content	LB/Gal	g/L
Total	0.08	9
Less exempt solvents	0.22	27
Of solids	0.23	28
Of solids	0.01 lb/lb	0.01 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	A6W351	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

8.28 lb/gal

#### Photochemically Reactive

No

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Nov 16, 2025

39 00 [3205]

## PRODUCT NUMBER

B30W12651

## PRODUCT NAME

PROMAR® 200 Zero VOC Interior Latex Flat, Extra White

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

B30W12651 = | Acute | Chronic |

## Product Weight

11.45 lb/gal

## Specific Gravity

1.38

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Water 7732-18-5	N	N	N	48	66

## Volatile Organic Compounds - U.S. EPA / Canada

	B30W12651	
	LB/Gal	g/L
Coating Density	11.45	1371
	By wt	By vol
Total Volatiles	47.8%	65.8%
Federally exempt solvents		
Water	47.8%	65.8%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	52.2%	34.2%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

**Volatile Organic Compounds - California**

	B30W12651	
	LB/Gal	g/L
Coating Density	11.45	1371
	By wt	By vol
Total Volatiles	47.8%	65.8%
Exempt solvents		
Water	47.8%	65.8%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	52.2%	34.2%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B30W12651	
	LB/Gal	g/L
Coating Density	11.45	1371
	By wt	By vol
Total Volatiles	47.8%	65.8%
Exempt solvents		
Water	47.8%	65.8%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	52.2%	34.2%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B30W12651	
	By wt	By vol
Total Volatiles	47.8%	65.8%
VOC Content	LB/Gal	g/L
Total	0.00	0

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B30W12651	
	By wt	By vol
Total Volatiles	47.8%	65.8%
VOC Content	LB/Gal	g/L
Total	0.00	0

### Volatile Organic Compounds - Mexico

	B30W12651	
	LB/Gal	g/L
Coating Density	11.45	1371
	By wt	By vol
Total Volatiles	47.8%	65.8%
Exempt solvents		
Water	47.8%	65.8%
Organic Volatiles	0.0%	0.0%
Percent Non-Volatile	52.2%	34.2%
VOC Content	LB/Gal	g/L
Total	0.00	0
Less exempt solvents	0.00	0
Of solids	0.00	0
Of solids	0.00 lb/lb	0.00 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	B30W12651	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

11.45 lb/gal

#### Photochemically Reactive

No

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Dec 10, 2025

31 00 [3445]

## PRODUCT NUMBER

B66T1154

## PRODUCT NAME

PRO INDUSTRIAL™ DTM Acrylic Semi-Gloss, Ultradeep Base

## MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

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## Hazard Category (for SARA 311.312)

B66T1154 = | Acute | Chronic |

## Product Weight

9.06 lb/gal

## Specific Gravity

1.09

## FLASH POINT

N.A.

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
1-(2-Butoxymethylethoxy)-propanol 29911-28-2	N	N	N	1	1
Water 7732-18-5	N	N	N	55	59

## Volatile Organic Compounds - U.S. EPA / Canada

	B66T1154	
	LB/Gal	g/L
Coating Density	9.06	1086
	By wt	By vol
Total Volatiles	56.2%	61.3%
Federally exempt solvents		
Water	54.6%	59.4%
2-Amino-2-Methyl-1-Propanol	0.1%	0.2%
Organic Volatiles	1.4%	1.6%
Percent Non-Volatile	43.8%	38.7%
VOC Content	LB/Gal	g/L
Total	0.12	15
Less exempt solvents	0.31	37
Of solids	0.32	39
Of solids	0.03 lb/lb	0.03 kg/kg
	By wt	
By wt LVP-VOC	0.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) 0.05



**Volatile Organic Compounds - California**

	B66T1154	
	LB/Gal	g/L
Coating Density	9.06	1086
	By wt	By vol
Total Volatiles	56.2%	61.3%
Exempt solvents		
Water	54.6%	59.4%
Organic Volatiles	1.5%	1.8%
Percent Non-Volatile	43.8%	38.7%
VOC Content	LB/Gal	g/L
Total	0.14	16
Less exempt solvents	0.34	41
Of solids	0.36	43
Of solids	0.03 lb/lb	0.03 kg/kg
	By wt	
By wt LVP-VOC	0.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.02**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	B66T1154	
	LB/Gal	g/L
Coating Density	9.06	1086
	By wt	By vol
Total Volatiles	56.2%	61.3%
Exempt solvents		
Water	54.6%	59.4%
Organic Volatiles	1.5%	1.8%
Percent Non-Volatile	43.8%	38.7%
VOC Content	LB/Gal	g/L
Total	0.14	16
Less exempt solvents	0.34	41
Of solids	0.36	43
Of solids	0.03 lb/lb	0.03 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	B66T1154	
	By wt	By vol
Total Volatiles	56.1%	61.1%
VOC Content	LB/Gal	g/L
Total	0.12	15

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	B66T1154	
	By wt	By vol
Total Volatiles	55.1%	59.9%
VOC Content	LB/Gal	g/L
Total	0.03	4

### Volatile Organic Compounds - Mexico

	B66T1154	
	LB/Gal	g/L
Coating Density	9.06	1086
	By wt	By vol
Total Volatiles	56.2%	61.3%
Exempt solvents		
Water	54.6%	59.4%
Organic Volatiles	1.5%	1.8%
Percent Non-Volatile	43.8%	38.7%
VOC Content	LB/Gal	g/L
Total	0.14	16
Less exempt solvents	0.34	41
Of solids	0.36	43
Of solids	0.03 lb/lb	0.03 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	B66T1154	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

7.93 lb/gal

#### Photochemically Reactive

No

### Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jan 26, 2026

19 00 [0266]

## PRODUCT NUMBER

3210

## PRODUCT NAME

MINWAX® Indoor/Outdoor HELMSMAN® Spar Urethane, Semi-Gloss

## MANUFACTURER'S NAME

MINWAX COMPANY

101 W. Prospect Ave

Cleveland, Ohio 44115

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## Hazard Category (for SARA 311.312)

3210 = | Acute | Chronic | Fire |

## Product Weight

7.48 lb/gal

## Specific Gravity

0.90

## FLASH POINT

101 °F PMCC

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Light Aliphatic Hydrocarbon 64742-47-8	N	N	N	48	55

## Regulated Compounds

	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Cobalt Compound	N	N	Y	0.2	

## Volatile Organic Compounds - U.S. EPA / Canada

	3210	
	LB/Gal	g/L
Coating Density	7.48	895
	By wt	By vol
Total Volatiles	49.2%	56.5%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	49.2%	56.5%
Percent Non-Volatile	50.8%	43.5%
VOC Content	LB/Gal	g/L
Total	3.67	440
Less exempt solvents	3.67	440
Of solids	8.45	1013
Of solids	0.96 lb/lb	0.96 kg/kg
	By wt	
By wt LVP-VOC	49.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) 0.38

**Volatile Organic Compounds - California**

	3210	
	LB/Gal	g/L
Coating Density	7.48	895
	By wt	By vol
Total Volatiles	49.2%	56.5%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	49.2%	56.5%
Percent Non-Volatile	50.8%	43.5%
VOC Content	LB/Gal	g/L
Total	3.67	440
Less exempt solvents	3.67	440
Of solids	8.45	1013
Of solids	0.96 lb/lb	0.96 kg/kg
	By wt	
By wt LVP-VOC	49.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.34**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	3210	
	LB/Gal	g/L
Coating Density	7.48	895
	By wt	By vol
Total Volatiles	49.2%	56.5%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	49.2%	56.5%
Percent Non-Volatile	50.8%	43.5%
VOC Content	LB/Gal	g/L
Total	3.67	440
Less exempt solvents	3.67	440
Of solids	8.45	1013
Of solids	0.96 lb/lb	0.96 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	3210	
	By wt	By vol
Total Volatiles	49.2%	56.5%
VOC Content	LB/Gal	g/L
Total	3.67	440

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	3210	
	By wt	By vol
Total Volatiles	49.2%	56.5%
VOC Content	LB/Gal	g/L
Total	3.67	440

### Volatile Organic Compounds - Mexico

	3210	
	LB/Gal	g/L
Coating Density	7.48	895
	By wt	By vol
Total Volatiles	49.2%	56.5%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	49.2%	56.5%
Percent Non-Volatile	50.8%	43.5%
VOC Content	LB/Gal	g/L
Total	3.67	440
Less exempt solvents	3.67	440
Of solids	8.45	1013
Of solids	0.96 lb/lb	0.96 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	3210	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

6.50 lb/gal

#### Photochemically Reactive

No

### Waste Disposal

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

The addition of any material to this product can change the composition, hazards and risks of the product and may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Dec 30, 2025

20 00 [3454]

## PRODUCT NUMBER

3333

## PRODUCT NAME

MINWAX® POLYCRYLIC® Water-Based Protective Finish, Clear Satin

## MANUFACTURER'S NAME

MINWAX COMPANY  
101 W. Prospect Ave  
Cleveland, Ohio 44115

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## Hazard Category (for SARA 311.312)

3333 = | Acute | Chronic |

## Product Weight

8.58 lb/gal

## Specific Gravity

1.03

## FLASH POINT

> 200 °F PMCC

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Butoxypropanol 5131-66-8	N	N	N	3	3
1-(2-Butoxymethylethoxy)-propanol 29911-28-2	N	N	N	2	2
Ethylene Glycol 107-21-1	N	Y	Y	2	2
1-Methyl-2-Pyrrolidone 872-50-4	N	N	N	2	2
Water 7732-18-5	N	N	N	60	63

**Volatile Organic Compounds - U.S. EPA / Canada**

	3333	
	LB/Gal	g/L
Coating Density	8.58	1028
	By wt	By vol
Total Volatiles	69.7%	73.5%
Federally exempt solvents		
Water	59.8%	62.9%
Organic Volatiles	9.9%	10.6%
Percent Non-Volatile	30.3%	26.5%
VOC Content	LB/Gal	g/L
Total	0.84	101
Less exempt solvents	2.28	273
Of solids	3.20	383
Of solids	0.32 lb/lb	0.32 kg/kg
	By wt	
By wt LVP-VOC	5.6%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.52**

**Volatile Organic Compounds - California**

	3333	
	LB/Gal	g/L
Coating Density	8.58	1028
	By wt	By vol
Total Volatiles	69.7%	73.5%
Exempt solvents		
Water	59.8%	62.9%
Organic Volatiles	9.9%	10.6%
Percent Non-Volatile	30.3%	26.5%
VOC Content	LB/Gal	g/L
Total	0.84	101
Less exempt solvents	2.28	273
Of solids	3.20	383
Of solids	0.32 lb/lb	0.32 kg/kg
	By wt	
By wt LVP-VOC	5.6%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.35**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	3333	
	LB/Gal	g/L
Coating Density	8.58	1028
	By wt	By vol
Total Volatiles	69.7%	73.5%
Exempt solvents		
Water	59.8%	62.9%
Organic Volatiles	9.9%	10.6%
Percent Non-Volatile	30.3%	26.5%
VOC Content	LB/Gal	g/L
Total	0.84	101
Less exempt solvents	2.28	273
Of solids	3.20	383
Of solids	0.32 lb/lb	0.32 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	3333	
	By wt	By vol
Total Volatiles	69.7%	73.5%
VOC Content	LB/Gal	g/L
Total	0.84	101

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	3333	
	By wt	By vol
Total Volatiles	67.8%	71.4%
VOC Content	LB/Gal	g/L
Total	0.68	81

**Volatile Organic Compounds - Mexico**

	3333	
	LB/Gal	g/L
Coating Density	8.58	1028
	By wt	By vol
Total Volatiles	69.7%	73.5%
Exempt solvents		
Water	59.8%	62.9%
Organic Volatiles	9.9%	10.6%
Percent Non-Volatile	30.3%	26.5%
VOC Content	LB/Gal	g/L
Total	0.84	101
Less exempt solvents	2.28	273
Of solids	3.20	383
Of solids	0.32 lb/lb	0.32 kg/kg



**Hazardous Air Pollutants (Clean Air Act, Section 112(b))**

	3333	
	LB/Gal	kg/L
Volatile HAPS	0.19	0.023
Of solids	0.74	0.089
Of solids	0.07 lb/lb	0.07 kg/kg

**Air Quality Data****Density of Organic Solvent Blend**

7.98 lb/gal

**Photochemically Reactive**

No

**Waste Disposal**

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

The addition of any material to this product can change the composition, hazards and risks of the product and may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Jan 14, 2026

06 00 [1075]

## PRODUCT NUMBER

815000

## PRODUCT NAME

MINWAX® Premium Tintable Oil, Clear Tint Base

## MANUFACTURER'S NAME

MINWAX COMPANY  
101 W. Prospect Ave  
Cleveland, Ohio 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production.

## Hazard Category (for SARA 311.312)

815000 = | Acute | Chronic | Fire |

## Product Weight

7.61 lb/gal

## Specific Gravity

0.92

## FLASH POINT

126 °F PMCC

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	HAPS 112	% by Weight	% by Volume
Hydrotreated Heavy Petroleum Naphtha 64742-48-9	N	N	N	1	2
Light Aliphatic Hydrocarbon 64742-47-8	N	N	N	17	21
Heavy Aliphatic Solvent 64742-47-8	N	N	N	5	6

## Volatile Organic Compounds - U.S. EPA / Canada

	815000	
	LB/Gal	g/L
Coating Density	7.61	912
	By wt	By vol
Total Volatiles	24.6%	29.1%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	24.6%	29.1%
Percent Non-Volatile	75.4%	70.9%
VOC Content	LB/Gal	g/L
Total	1.87	224
Less exempt solvents	1.87	224
Of solids	2.63	315
Of solids	0.32 lb/lb	0.32 kg/kg
	By wt	
By wt LVP-VOC	24.6%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.22**

**Volatile Organic Compounds - California**

	815000	
	LB/Gal	g/L
Coating Density	7.61	912
	By wt	By vol
Total Volatiles	24.6%	29.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	24.6%	29.1%
Percent Non-Volatile	75.4%	70.9%
VOC Content	LB/Gal	g/L
Total	1.87	224
Less exempt solvents	1.87	224
Of solids	2.63	315
Of solids	0.32 lb/lb	0.32 kg/kg
	By wt	
By wt LVP-VOC	24.6%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.22**

**Volatile Organic Compounds - South Coast Air Quality Management District, California, US**

	815000	
	LB/Gal	g/L
Coating Density	7.61	912
	By wt	By vol
Total Volatiles	24.6%	29.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	24.6%	29.1%
Percent Non-Volatile	75.4%	70.9%
VOC Content	LB/Gal	g/L
Total	1.87	224
Less exempt solvents	1.87	224
Of solids	2.63	315
Of solids	0.32 lb/lb	0.32 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	815000	
	By wt	By vol
Total Volatiles	24.6%	29.1%
VOC Content	LB/Gal	g/L
Total	1.87	224

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	815000	
	By wt	By vol
Total Volatiles	24.6%	29.1%
VOC Content	LB/Gal	g/L
Total	1.87	224

### Volatile Organic Compounds - Mexico

	815000	
	LB/Gal	g/L
Coating Density	7.61	912
	By wt	By vol
Total Volatiles	24.6%	29.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	24.6%	29.1%
Percent Non-Volatile	75.4%	70.9%
VOC Content	LB/Gal	g/L
Total	1.87	224
Less exempt solvents	1.87	224
Of solids	2.63	315
Of solids	0.32 lb/lb	0.32 kg/kg

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	815000	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

### Air Quality Data

#### Density of Organic Solvent Blend

6.43 lb/gal

#### Photochemically Reactive

Yes

### Waste Disposal

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

The addition of any material to this product can change the composition, hazards and risks of the product and may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

# **Safety Data Sheets**

# SAFETY DATA SHEET

B20W12651

## Section 1. Identification

**Product name** : PROMAR® 200 Zero VOC Interior Latex Eg-Shel  
Extra White

**Product code** : B20W12651

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : Manufactured by:  
THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 2

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Suspected of causing cancer.

### Precautionary statements

**General** : Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection.

**Response** : IF exposed or concerned: Get medical advice or attention.

**Storage** : Store locked up.

## Section 2. Hazards identification

- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Titanium Dioxide	≥10 - ≤25	13463-67-7
Heavy Paraffinic Oil	≤0.3	64742-65-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.

## Section 4. First aid measures

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** :



## Section 6. Accidental release measures

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024)</b> A3. TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles. <b>NIOSH REL (United States, 10/2020)</b> NIA. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.
Heavy Paraffinic Oil	64742-65-0	<b>ACGIH TLV (United States, 1/2024)</b> [Mineral Oil, pure, highly and severely refined] A4. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable

## Section 8. Exposure controls/personal protection

fraction.

**NIOSH REL (United States, 10/2020) [OIL MIST MINERAL]**

TWA 10 hours: 5 mg/m<sup>3</sup>. Form: Mist.

STEL 15 minutes: 10 mg/m<sup>3</sup>. Form: Mist.

**OSHA PEL (United States, 5/2018) [Oil mist, mineral]**

TWA 8 hours: 5 mg/m<sup>3</sup>.

### Occupational exposure limits (Canada)

None.

### Occupational exposure limits (Mexico)

None.

### Biological exposure indices (United States)

No exposure indices known.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

### **Appropriate engineering controls**

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### **Environmental exposure controls**

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### **Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **Eye/face protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

#### **Hand protection**

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

#### **Body protection**

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : White.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9.6
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg)
- Relative vapor density** : 1 [Air = 1]
- Relative density** : 1.3
- Density** : 1.29 g/cm<sup>3</sup>
- Solubility(ies)** :

Media	Result
cold water	Partially soluble

- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): >20.5 mm<sup>2</sup>/s (>20.5 cSt)
- Molecular weight** : Not applicable.
- Particle characteristics**
- Median particle size** : Not applicable.
- Heat of combustion** : 0.779 kJ/g

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Heavy Paraffinic Oil

##### **Result**

**Rabbit - Dermal - LD50**

>5000 mg/kg

**Rat - Oral - LD50**

>5000 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Titanium Dioxide

##### **Result**

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug I

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory or skin sensitization

Not available.

## Section 11. Toxicological information

### Skin

Conclusion/Summary [Product] : Not available.

### Respiratory

Conclusion/Summary [Product] : Not available.

### Germ cell mutagenicity

Not available.

Conclusion/Summary [Product] : Not available.

### Carcinogenicity

Not available.

Conclusion/Summary [Product] : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-

### Reproductive toxicity

Not available.

Conclusion/Summary [Product] : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

#### Product/ingredient name

Heavy Paraffinic Oil

#### Result

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

## Section 11. Toxicological information

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.  
**Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

#### **Product/ingredient name**

Titanium Dioxide

#### **Result**

##### **Acute - LC50 - Marine water**

Fish - Mummichog - *Fundulus heteroclitus*  
>1000 mg/l [96 hours]  
Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

## Section 12. Ecological information

Not available.

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

## Section 14. Transport information

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** :

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

**International lists** :

- Australia inventory (AIIIC)**: Not determined.
- China inventory (IECSC)**: Not determined.
- Japan inventory (CSCL)**: Not determined.
- Japan inventory (ISHL)**: Not determined.
- Korea inventory (KECI)**: Not determined.
- New Zealand Inventory of Chemicals (NZIoC)**: Not determined.
- Philippines inventory (PICCS)**: Not determined.
- Taiwan Chemical Substances Inventory (TCSI)**: Not determined.
- Thailand inventory**: Not determined.
- Turkey inventory**: Not determined.
- Vietnam inventory**: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	0
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

[Procedure used to derive the classification](#)



## Section 16. Other information

Classification	Justification
CARCINOGENICITY - Category 2	Calculation method

### History

**Date of printing** : 8/19/2025

**Date of issue/Date of revision** : 8/19/2025

**Date of previous issue** : 7/1/2025

**Version** : 20.03

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
K45W2151

## Section 1. Identification

**Product name** : PRO INDUSTRIAL™ Pre-Catalyzed Waterbased Epoxy Eg-Shel  
Extra White

**Product code** : K45W2151

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: (800) 524-5979  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 1A

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : May cause cancer.

### Precautionary statements

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.

**Response** : IF exposed or concerned: Get medical advice or attention.

**Storage** : Store locked up.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

## Section 2. Hazards identification

### Supplemental label elements

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure.

This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

### Hazards not otherwise classified

: None known.

### Hazards identified when used

: No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

### Substance/mixture

: Mixture

### Other means of identification

: Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Titanium Dioxide	≥10 - ≤25	13463-67-7
Attapulgite Clay	≤1	12174-11-7
Cristobalite, respirable powder	≤0.3	14464-46-1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

#### Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

#### Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

## Section 5. Fire-fighting measures

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024)</b> A3. TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles. <b>NIOSH REL (United States, 10/2020)</b> NIA. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.
Attapulgate Clay Cristobalite, respirable powder	12174-11-7 14464-46-1	None. <b>ACGIH TLV (United States, 1/2024) [Silica, crystalline]</b> A2. TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020) [SILICA, CRYSTALLINE]</b> NIA. TWA 10 hours: 0.05 mg/m <sup>3</sup> . Form: respirable dust. <b>OSHA PEL (United States, 5/2018) [Silica, crystalline]</b> TWA 8 hours: 50 µg/m <sup>3</sup> . Form: Respirable dust. <b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 250 / 2 x (%SiO <sub>2</sub> +5) mppcf. Form: Respirable. TWA 8 hours: 10 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Respirable. TWA 8 hours: 30 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Total dust.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Fibres-Natural Mineral Fibres, Attapulgate	12174-11-7	<b>CA Quebec Provincial (Canada, 2/2024) [Attapulgate]</b> C1. TWA <sub>EV</sub> 8 hours: 1 fibers/cm <sup>3</sup> . Form: RESPIRABLE FIBRES (other than respirable asbestos fibres) : Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter of less than 3 µm and a ratio of length to diameter of more than 3 : 1..
Cristobalite	14464-46-1	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> TWA 8 hours: 0.05 mg/m <sup>3</sup> . Form: respirable fraction. <b>CA British Columbia Provincial (Canada,</b>

## Section 8. Exposure controls/personal protection

**9/2024) [silica, crystalline - alpha quartz and cristobalite]** Carc 2A, Carc 1.  
TWA 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable.  
**CA Ontario Provincial (Canada, 6/2019)**  
TWA 8 hours: 0.05 mg/m<sup>3</sup>. Form: Respirable particulate matter..  
**CA Quebec Provincial (Canada, 2/2024)**  
TWA EV 8 hours: 0.05 mg/m<sup>3</sup>. Form: respirable aerosol fraction.  
**CA Alberta Provincial (Canada, 3/2023) A2.**  
OEL 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable particulate.

### Occupational exposure limits (Mexico)

None.

### Biological exposure indices (United States)

No exposure indices known.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

### Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Environmental exposure controls

: **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

##### Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.



## Section 8. Exposure controls/personal protection

- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : White.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9.4
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg)
- Relative vapor density** : 1 [Air = 1]
- Relative density** : 1.29
- Density** : 1.29 g/cm<sup>3</sup>
- Solubility(ies)** :

Media	Result
cold water	Partially soluble

- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): >20.5 mm<sup>2</sup>/s (>20.5 cSt)
- Molecular weight** : Not applicable.
- Particle characteristics**
- Median particle size** : Not applicable.
- Heat of combustion** : 0.773 kJ/g



## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Titanium Dioxide

##### **Result**

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug l

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory or skin sensitization

Not available.

#### **Skin**

**Conclusion/Summary [Product]** : Not available.

#### **Respiratory**

## Section 11. Toxicological information

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-
Attapulgate Clay	-	2B	-
Cristobalite, respirable powder	+	1	Known to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Cristobalite, respirable powder

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) (inhalation) - Category 1

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.

## Section 11. Toxicological information

**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### **Long term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### **Acute toxicity estimates**

N/A

## Section 12. Ecological information

### Toxicity

#### **Product/ingredient name**

Titanium Dioxide

#### **Result**

##### **Acute - LC50 - Marine water**

Fish - Mummichog - *Fundulus heteroclitus*

>1000 mg/l [96 hours]

Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Not available.

## Section 12. Ecological information

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

## Section 14. Transport information

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 5(a)2 final significant new use rules: Sodium Nitrite

<u>List name</u>	<u>Name on list</u>	<u>Notes</u>
TSCA 5(a)2 - Final significant new use rules	Sodium Nitrite (Nitrites of Alkali Metals (Group IA elements))	40 CFR 721.4740

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### **International lists**

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	0
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

## Section 16. Other information

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### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 1A	Calculation method

### History

**Date of printing** : 11/16/2025

**Date of issue/Date of revision** : 11/16/2025

**Date of previous issue** : 7/29/2025

**Version** : 10

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.


# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
K46W2151

## Section 1. Identification

Product name	: PRO INDUSTRIAL™ Pre-Catalyzed Waterbased Epoxy Semi-Gloss Extra White
Product code	: K46W2151
Other means of identification	: Not available.
Product type	: Liquid.
<u>Relevant identified uses of the substance or mixture and uses advised against</u>	
Paint or paint related material.	
Manufacturer	: THE SHERWIN-WILLIAMS COMPANY 101 W. Prospect Avenue Cleveland, OH 44115
Emergency telephone number of the company	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year
Product Information Telephone Number	: US / Canada: (800) 524-5979 Mexico: Not Available
Transportation Emergency Telephone Number	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	: CARCINOGENICITY - Category 1A
<u>GHS label elements</u>	
Hazard pictograms	: 
Signal word	: Danger
Hazard statements	: May cause cancer.
<u>Precautionary statements</u>	
Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.
Response	: IF exposed or concerned: Get medical advice or attention.
Storage	: Store locked up.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.

## Section 2. Hazards identification

### Supplemental label elements

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure.

This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

### Hazards not otherwise classified

: None known.

### Hazards identified when used

: No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

### Substance/mixture

: Mixture

### Other means of identification

: Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Titanium Dioxide	≥10 - ≤25	13463-67-7
Attapulgite Clay	≤1	12174-11-7
Cristobalite, respirable powder	≤0.3	14464-46-1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

#### Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

#### Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.



## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

## Section 5. Fire-fighting measures

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024)</b> A3. TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles. <b>NIOSH REL (United States, 10/2020)</b> NIA. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.
Attapulgate Clay Cristobalite, respirable powder	12174-11-7 14464-46-1	None. <b>ACGIH TLV (United States, 1/2024) [Silica, crystalline]</b> A2. TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020) [SILICA, CRYSTALLINE]</b> NIA. TWA 10 hours: 0.05 mg/m <sup>3</sup> . Form: respirable dust. <b>OSHA PEL (United States, 5/2018) [Silica, crystalline]</b> TWA 8 hours: 50 µg/m <sup>3</sup> . Form: Respirable dust. <b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 250 / 2 x (%SiO <sub>2</sub> +5) mppcf. Form: Respirable. TWA 8 hours: 10 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Respirable. TWA 8 hours: 30 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Total dust.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Fibres-Natural Mineral Fibres, Attapulgate	12174-11-7	<b>CA Quebec Provincial (Canada, 2/2024) [Attapulgate]</b> C1. TWA <sub>EV</sub> 8 hours: 1 fibers/cm <sup>3</sup> . Form: RESPIRABLE FIBRES (other than respirable asbestos fibres) : Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter of less than 3 µm and a ratio of length to diameter of more than 3 : 1..
Cristobalite	14464-46-1	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> TWA 8 hours: 0.05 mg/m <sup>3</sup> . Form: respirable fraction. <b>CA British Columbia Provincial (Canada,</b>

## Section 8. Exposure controls/personal protection

**9/2024) [silica, crystalline - alpha quartz and cristobalite]** Carc 2A, Carc 1.  
TWA 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable.  
**CA Ontario Provincial (Canada, 6/2019)**  
TWA 8 hours: 0.05 mg/m<sup>3</sup>. Form: Respirable particulate matter..  
**CA Quebec Provincial (Canada, 2/2024)**  
TWA EV 8 hours: 0.05 mg/m<sup>3</sup>. Form: respirable aerosol fraction.  
**CA Alberta Provincial (Canada, 3/2023) A2.**  
OEL 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable particulate.

### Occupational exposure limits (Mexico)

None.

### Biological exposure indices (United States)

No exposure indices known.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

### Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Environmental exposure controls

: **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

##### Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

## Section 8. Exposure controls/personal protection

- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : White.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9.3
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg)
- Relative vapor density** : 1 [Air = 1]
- Relative density** : 1.24
- Density** : 1.24 g/cm<sup>3</sup>
- Solubility(ies)** :

Media	Result
cold water	Partially soluble

- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): >20.5 mm<sup>2</sup>/s (>20.5 cSt)
- Molecular weight** : Not applicable.
- Particle characteristics**
- Median particle size** : Not applicable.
- Heat of combustion** : 0.808 kJ/g

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Titanium Dioxide

##### **Result**

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug l

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory or skin sensitization

Not available.

#### **Skin**

**Conclusion/Summary [Product]** : Not available.

#### **Respiratory**

## Section 11. Toxicological information

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-
Attapulgate Clay	-	2B	-
Cristobalite, respirable powder	+	1	Known to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Cristobalite, respirable powder

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) (inhalation) - Category 1

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.

## Section 11. Toxicological information

**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

Titanium Dioxide

#### Result

##### **Acute - LC50 - Marine water**

Fish - Mummichog - *Fundulus heteroclitus*

>1000 mg/l [96 hours]

Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Not available.



## Section 12. Ecological information

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

## Section 14. Transport information

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 5(a)2 final significant new use rules: Sodium Nitrite

<a href="#">List name</a>	<a href="#">Name on list</a>	<a href="#">Notes</a>
TSCA 5(a)2 - Final significant new use rules	Sodium Nitrite (Nitrites of Alkali Metals (Group IA elements))	40 CFR 721.4740

### [California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### [International regulations](#)

#### [Montreal Protocol](#)

Not listed.

#### [Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

### [International lists](#)

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### [Hazardous Material Information System \(U.S.A.\)](#)

Health	*	0
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

## Section 16. Other information

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 1A	Calculation method

### History

**Date of printing** : 11/16/2025

**Date of issue/Date of revision** : 11/16/2025

**Date of previous issue** : 7/29/2025

**Version** : 10

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

B42T81

## Section 1. Identification

**Product name** : PRO INDUSTRIAL™ Waterborne Acrylic Dryfall - Flat  
Ultradeep Base

**Product code** : B42T81

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: (800) 524-5979  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A  
CARCINOGENICITY - Category 1A  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

### GHS label elements

**Hazard pictograms**



**Signal word** : Danger

**Hazard statements** : Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.  
May cause cancer.

### Precautionary statements

## Section 2. Hazards identification

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash thoroughly after handling.
- Response** : IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
- Storage** : Store locked up. Store in a well-ventilated place. Keep container tightly closed.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure.
- This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.
- Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.
- CAS number/other identifiers**

<b>Ingredient name</b>	<b>% by weight</b>	<b>Identifiers</b>
Calcium Carbonate	≥50 - ≤75	1317-65-3
Crystalline Silica, respirable powder	<1	14808-60-7
Heavy Paraffinic Oil	≤1	64742-65-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

## Section 4. First aid measures

- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : May cause respiratory irritation.
- Skin contact** : Causes skin irritation.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.



## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Calcium Carbonate	1317-65-3	<b>NIOSH REL (United States, 10/2020) [calcium carbonate]</b> TWA 10 hours: 10 mg/m <sup>3</sup> . Form: Total. TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction.
Crystalline Silica, respirable powder	14808-60-7	<b>ACGIH TLV (United States, 1/2024) [Silica, crystalline] A2.</b> TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020) [SILICA, CRYSTALLINE] NIA.</b> TWA 10 hours: 0.05 mg/m <sup>3</sup> . Form: respirable dust. <b>OSHA PEL (United States, 5/2018) [Silica, crystalline]</b> TWA 8 hours: 50 µg/m <sup>3</sup> . Form: Respirable dust. <b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 250 / (%SiO <sub>2</sub> +5) mppcf. Form: Respirable. TWA 8 hours: 10 / (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Respirable.
Heavy Paraffinic Oil	64742-65-0	<b>ACGIH TLV (United States, 1/2024) [Mineral Oil, pure, highly and severely</b>



## Section 8. Exposure controls/personal protection

		<p><b>refined] A4.</b>  TWA 8 hours: 5 mg/m<sup>3</sup>. Form: Inhalable fraction.  <b>NIOSH REL (United States, 10/2020) [OIL MIST MINERAL]</b>  TWA 10 hours: 5 mg/m<sup>3</sup>. Form: Mist.  STEL 15 minutes: 10 mg/m<sup>3</sup>. Form: Mist.  <b>OSHA PEL (United States, 5/2018) [Oil mist, mineral]</b>  TWA 8 hours: 5 mg/m<sup>3</sup>.</p>
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### Occupational exposure limits (Canada)

<b>Ingredient name</b>	<b>CAS #</b>	<b>Exposure limits</b>
2-Butoxyethanol	111-76-2	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b>  STEL 15 minutes: 30 ppm.  TWA 8 hours: 20 ppm.  <b>CA British Columbia Provincial (Canada, 9/2024)</b>  TWA 8 hours: 20 ppm.  <b>CA Ontario Provincial (Canada, 6/2019)</b>  TWA 8 hours: 20 ppm.  <b>CA Quebec Provincial (Canada, 2/2024)</b>  C3.  TWA EV 8 hours: 20 ppm.  <b>CA Alberta Provincial (Canada, 3/2023)</b>  OEL 8 hours: 97 mg/m<sup>3</sup>.  OEL 8 hours: 20 ppm.</p>
Quartz	14808-60-7	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b>  TWA 8 hours: 0.05 mg/m<sup>3</sup>. Form: respirable fraction.  <b>CA British Columbia Provincial (Canada, 9/2024) [silica, crystalline - alpha quartz and cristobalite]</b> Carc 2A, Carc 1.  TWA 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable.  <b>CA Ontario Provincial (Canada, 6/2019) [Silica, Crystalline (Quartz/Tripoli)]</b>  TWA 8 hours: 0.1 mg/m<sup>3</sup>. Form: Respirable particulate matter..  <b>CA Quebec Provincial (Canada, 2/2024) [Silica Crystalline -Quartz]</b> C2.  TWA EV 8 hours: 0.1 mg/m<sup>3</sup>. Form: respirable aerosol fraction.  <b>CA Alberta Provincial (Canada, 3/2023) A2.</b>  OEL 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable particulate.</p>

### Occupational exposure limits (Mexico)

None.

### Biological exposure indices (United States)

No exposure indices known.

### Biological exposure indices (Canada)

## Section 8. Exposure controls/personal protection

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

**Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

**Physical state** : Liquid.

**Color** : Clear.

**Odor** : Not available.

**Odor threshold** : Not available.

**pH** : 9.3

## Section 9. Physical and chemical properties

<b>Melting point/freezing point</b>	: Not available.
<b>Boiling point or initial boiling point and boiling range</b>	: 100°C (212°F)
<b>Flash point</b>	: Closed cup: Not applicable.
<b>Evaporation rate</b>	: 0.09 (butyl acetate = 1)
<b>Flammability</b>	: Not available.
<b>Lower and upper explosion limit/flammability limit</b>	: Not available.
<b>Vapor pressure</b>	: 2.3 kPa (17.5 mm Hg)
<b>Relative vapor density</b>	: 1 [Air = 1]
<b>Relative density</b>	: 1.69
<b>Density</b>	: 1.68 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	:

Media	Result
cold water	Partially soluble

<b>Partition coefficient: n-octanol/water</b>	: Not applicable.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm <sup>2</sup> /s (>20.5 cSt)
<b>Molecular weight</b>	: Not applicable.
<b><u>Particle characteristics</u></b>	
<b>Median particle size</b>	: Not applicable.
<b>Heat of combustion</b>	: 0.627 kJ/g

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Heavy Paraffinic Oil

##### **Result**

**Rabbit - Dermal - LD50**

>5000 mg/kg

**Rat - Oral - LD50**

>5000 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory or skin sensitization

Not available.

#### **Skin**

**Conclusion/Summary [Product]** : Not available.

#### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

#### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Classification

## Section 11. Toxicological information

Product/ingredient name	OSHA	IARC	NTP
Crystalline Silica, respirable powder	+	1	Known to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

Product/ingredient name	Result
Calcium Carbonate	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Result
Crystalline Silica, respirable powder	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (inhalation) - Category 1

### Aspiration hazard

Product/ingredient name	Result
Heavy Paraffinic Oil	ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

<b>Eye contact</b>	: Causes serious eye irritation.
<b>Inhalation</b>	: May cause respiratory irritation.
<b>Skin contact</b>	: Causes skin irritation.
<b>Ingestion</b>	: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	: Adverse symptoms may include the following: pain or irritation watering redness
<b>Inhalation</b>	: Adverse symptoms may include the following: respiratory tract irritation coughing
<b>Skin contact</b>	: Adverse symptoms may include the following: irritation redness
<b>Ingestion</b>	: No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

## Section 11. Toxicological information

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according  
to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 5(a)2 final significant new use rules: Sodium Nitrite

<a href="#">List name</a>	<a href="#">Name on list</a>	<a href="#">Notes</a>
TSCA 5(a)2 - Final significant new use rules	Sodium Nitrite (Nitrites of Alkali Metals (Group IA elements))	40 CFR 721.4740

### [SARA 313](#)

All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production. Reporting of chemicals in this section does not necessarily indicate their presence in the final formulated product.

<a href="#">Ingredient name</a>	<a href="#">% by weight</a>	<a href="#">CAS number</a>
Mercury (as Hg)	0.0000001	
Glycol Ethers (SARA)	1	
Lead (as Pb)	0.0003	

### [California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### [International regulations](#)

#### [Montreal Protocol](#)

Not listed.

#### [Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

### [International lists](#)

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### [Hazardous Material Information System \(U.S.A.\)](#)

Health	*	2
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.



## Section 16. Other information

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method
CARCINOGENICITY - Category 1A	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3	Calculation method

### History

**Date of printing** : 7/30/2025

**Date of issue/Date of revision** : 7/30/2025

**Date of previous issue** : 6/5/2025

**Version** : 21.02

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

📌 Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.



# SAFETY DATA SHEET

B79W8810

## Section 1. Identification

**Product name** : ProBlock® Primer, Interior Oil-Based White

**Product code** : B79W8810

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 2  
SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A  
SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 1A  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
ASPIRATION HAZARD - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 26.7% (oral), 26.7% (dermal), 26.7% (inhalation)





### GHS label elements

**Hazard pictograms**



**Signal word** : Danger

## Section 2. Hazards identification

<b>Hazard statements</b>	<ul style="list-style-type: none"><li>: Highly flammable liquid and vapor.</li><li>May be fatal if swallowed and enters airways.</li><li>Causes skin irritation.</li><li>May cause an allergic skin reaction.</li><li>Causes serious eye irritation.</li><li>May cause respiratory irritation.</li><li>May cause drowsiness or dizziness.</li><li>May cause cancer.</li><li>Causes damage to organs through prolonged or repeated exposure. (lungs)</li></ul>
<b><u>Precautionary statements</u></b>	
<b>General</b>	<ul style="list-style-type: none"><li>: Keep out of reach of children. If medical advice is needed, have product container or label at hand. </li></ul>
<b>Prevention</b>	<ul style="list-style-type: none"><li>: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. </li></ul>
<b>Response</b>	<ul style="list-style-type: none"><li>: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. </li></ul>
<b>Storage</b>	<ul style="list-style-type: none"><li>: Store locked up. Store in a well-ventilated place. Keep container tightly closed. </li></ul>
<b>Disposal</b>	<ul style="list-style-type: none"><li>: Dispose of contents and container in accordance with all local, regional, national and international regulations.</li></ul>
<b>Supplemental label elements</b>	<p>DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure.</p> <p>Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.</p>
<b>Hazards not otherwise classified</b>	<ul style="list-style-type: none"><li>: DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.</li></ul>

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: Mixture
<b>Other means of identification</b>	: Not available.
<b><u>CAS number/other identifiers</u></b>	

## Section 3. Composition/information on ingredients

Ingredient name	% by weight	Identifiers
Calcium Carbonate	≥25 - ≤50	1317-65-3
Lt. Aliphatic Hydrocarbon Solvent	≥10 - ≤25	64742-89-8
Titanium Dioxide	≤10	13463-67-7
Mineral Spirits 140-Flash	≤10	64742-88-7
Crystalline Silica, respirable powder	≤10	14808-60-7
Talc	≤10	14807-96-6
Mica	≤5	12001-26-2
Xylene, mixed isomers	≤3	1330-20-7
Ethylbenzene	<1	100-41-4
Crystalline Silica, non-respirable	≤0.3	14808-60-7
Methyl Ethyl Ketoxime	≤0.3	96-29-7
Light Aliphatic Hydrocarbon	≤0.3	64742-47-8

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.

## Section 4. First aid measures

**Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

**Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness

**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness

**Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

**Specific hazards arising from the chemical** : Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

## Section 5. Fire-fighting measures



- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Remark** : Flammable liquid.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. 
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. 

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.



## Section 7. Handling and storage

### Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Calcium Carbonate	1317-65-3	<b>NIOSH REL (United States, 10/2020)</b> <b>[calcium carbonate]</b> TWA 10 hours: 10 mg/m <sup>3</sup> . Form: Total. TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction.
Lt. Aliphatic Hydrocarbon Solvent	64742-89-8	<b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction. <b>ACGIH TLV (United States, 1/2024)</b> <b>[branched hexane isomers] A3.</b> TWA 8 hours: 200 ppm. <b>ACGIH TLV (United States, 1/2024)</b> <b>[hexane] A3.</b> Absorbed through skin. TWA 8 hours: 100 ppm. <b>NIOSH REL (United States, 10/2020)</b> <b>[HEXANE ISOMERS]</b> TWA 10 hours: 100 ppm. TWA 10 hours: 350 mg/m <sup>3</sup> . CEIL 15 minutes: 510 ppm. CEIL 15 minutes: 1800 mg/m <sup>3</sup> .
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024) A3.</b> TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles. <b>NIOSH REL (United States, 10/2020) NIA.</b> <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.
Mineral Spirits 140-Flash	64742-88-7	<b>OSHA PEL (United States, 5/2018)</b> <b>[Naphtha (Coal tar)]</b> TWA 8 hours: 100 ppm. TWA 8 hours: 400 mg/m <sup>3</sup> .
Crystalline Silica, respirable powder	14808-60-7	<b>ACGIH TLV (United States, 1/2024) [Silica, crystalline] A2.</b> TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020)</b>



## Section 8. Exposure controls/personal protection

Talc	14807-96-6	<p><b>[SILICA, CRYSTALLINE]</b> NIA. TWA 10 hours: 0.05 mg/m<sup>3</sup>. Form: respirable dust.</p> <p><b>OSHA PEL (United States, 5/2018) [Silica, crystalline]</b> TWA 8 hours: 50 µg/m<sup>3</sup>. Form: Respirable dust.</p> <p><b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 250 / (%SiO<sub>2</sub>+5) mppcf. Form: Respirable.</p> <p>TWA 8 hours: 10 / (%SiO<sub>2</sub>+2) mg/m<sup>3</sup>. Form: Respirable.</p> <p><b>ACGIH TLV (United States, 1/2024) A4.</b> TWA 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable fraction.</p> <p><b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 2 mg/m<sup>3</sup>. Form: Respirable fraction.</p>
Mica	12001-26-2	<p><b>ACGIH TLV (United States, 1/2024)</b> TWA 8 hours: 0.1 mg/m<sup>3</sup>. Form: Respirable fraction.</p> <p><b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 3 mg/m<sup>3</sup>. Form: Respirable fraction.</p> <p><b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 20 mppcf.</p>
Xylene, mixed isomers	1330-20-7	<p><b>ACGIH TLV (United States, 1/2024) [p-xylene and mixtures containing p-xylene] A4.</b> Ototoxicant. TWA 8 hours: 20 ppm.</p> <p><b>OSHA PEL (United States, 5/2018) [Xylenes]</b> TWA 8 hours: 100 ppm. TWA 8 hours: 435 mg/m<sup>3</sup>.</p>
Ethylbenzene	100-41-4	<p><b>ACGIH TLV (United States, 1/2024) A3.</b> Ototoxicant. TWA 8 hours: 20 ppm.</p> <p><b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 100 ppm. TWA 10 hours: 435 mg/m<sup>3</sup>. STEL 15 minutes: 125 ppm. STEL 15 minutes: 545 mg/m<sup>3</sup>.</p> <p><b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 100 ppm. TWA 8 hours: 435 mg/m<sup>3</sup>.</p>
Crystalline Silica, non-respirable	14808-60-7	<p><b>OSHA PEL (United States, 5/2018) [Silica, crystalline]</b> TWA 8 hours: 50 µg/m<sup>3</sup>. Form: Respirable dust.</p> <p><b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 30 / (%SiO<sub>2</sub>+2) mg/m<sup>3</sup>. Form: Total dust.</p>
Methyl Ethyl Ketoxime	96-29-7	<p><b>OARS WEEL (United States, 9/2024)</b> Skin sensitizer. TWA 8 hours: 10 ppm.</p>
Light Aliphatic Hydrocarbon	64742-47-8	<p><b>ACGIH TLV (United States, 1/2024) [Kerosene] A3.</b> Absorbed through skin.</p>

## Section 8. Exposure controls/personal protection

TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapor).

### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Lt. Aliphatic Hydrocarbon Solvent	64742-89-8	<p><b>CA Saskatchewan Provincial (Canada, 4/2021) [Hexane]</b>            STEL 15 minutes: 1000 ppm.            TWA 8 hours: 500 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024) [hexane, all isomers except n-hexane]</b>            TWA 8 hours: 200 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024) [hexane]</b> Absorbed through skin.            Notes: No British Columbia exposure limit at this time</p> <p><b>CA Ontario Provincial (Canada, 6/2019) [Hexane isomers, other than n-hexane]</b>            TWA 8 hours: 500 ppm.            STEL 15 minutes: 1000 ppm.</p> <p><b>CA Quebec Provincial (Canada, 2/2024) [Hexane]</b>            TWAEV 8 hours: 500 ppm.            TWAEV 8 hours: 1760 mg/m<sup>3</sup>.            STEV 15 minutes: 1000 ppm.            STEV 15 minutes: 3500 mg/m<sup>3</sup>.</p> <p><b>CA Alberta Provincial (Canada, 3/2023) [Dimethylbutane]</b>            OEL 8 hours: 1760 mg/m<sup>3</sup>.            OEL 15 minutes: 1000 ppm.            OEL 15 minutes: 3500 mg/m<sup>3</sup>.            OEL 8 hours: 500 ppm.</p> <p><b>CA Alberta Provincial (Canada, 3/2023) [Hexane]</b>            OEL 8 hours: 1760 mg/m<sup>3</sup>.            OEL 8 hours: 500 ppm.            OEL 15 minutes: 3500 mg/m<sup>3</sup>.            OEL 15 minutes: 1000 ppm.</p>
Medium aliphatic solvent naphtha (petroleum) C9-C12	64742-88-7	<p><b>CA Ontario Provincial (Canada, 6/2019) [Mineral Spirits]</b>            TWA 8 hours: 525 mg/m<sup>3</sup>.</p>
Quartz	14808-60-7	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b>            TWA 8 hours: 0.05 mg/m<sup>3</sup>. Form: respirable fraction.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024) [silica, crystalline - alpha quartz and cristobalite]</b> Carc 2A, Carc 1.            TWA 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable.</p> <p><b>CA Ontario Provincial (Canada, 6/2019) [Silica, Crystalline (Quartz/Tripoli)]</b>            TWA 8 hours: 0.1 mg/m<sup>3</sup>. Form: Respirable particulate matter..</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b></p>

## Section 8. Exposure controls/personal protection

talc (none asbestiform)	14807-96-6	<p><b>[Silica Crystalline -Quartz] C2.</b> TWA<sub>EV</sub> 8 hours: 0.1 mg/m<sup>3</sup>. Form: respirable aerosol fraction.</p> <p><b>CA Alberta Provincial (Canada, 3/2023) A2.</b> OEL 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable particulate.</p> <p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b> TWA 8 hours: 2 mg/m<sup>3</sup>. Form: respirable fraction.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024)</b> TWA 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable. Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable particulate matter..</p> <p>TWA 8 hours: 2 fibers/cm<sup>3</sup>.</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b> TWA<sub>EV</sub> 8 hours: 2 mg/m<sup>3</sup>. Form: respirable aerosol fraction.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable particulate.</p>
Xylene	1330-20-7	<p><b>CA Saskatchewan Provincial (Canada, 4/2021) [Xylene]</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024) [xylene (o, m &amp; p isomers)]</b> TWA 8 hours: 100 ppm. STEL 15 minutes: 150 ppm.</p> <p><b>CA Ontario Provincial (Canada, 6/2019) [Xylene (o-, m-, p-isomers)]</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm.</p> <p><b>CA Quebec Provincial (Canada, 2/2024) [Xylene]</b> TWA<sub>EV</sub> 8 hours: 100 ppm. TWA<sub>EV</sub> 8 hours: 434 mg/m<sup>3</sup>. STEV 15 minutes: 150 ppm. STEV 15 minutes: 651 mg/m<sup>3</sup>.</p> <p><b>CA Alberta Provincial (Canada, 3/2023) [Dimethylbenzene]</b> OEL 8 hours: 100 ppm. OEL 15 minutes: 651 mg/m<sup>3</sup>. OEL 15 minutes: 150 ppm. OEL 8 hours: 434 mg/m<sup>3</sup>.</p>
Ethylbenzene	100-41-4	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b> STEL 15 minutes: 125 ppm. TWA 8 hours: 100 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024) Carc 2B.</b> TWA 8 hours: 20 ppm.</p>

## Section 8. Exposure controls/personal protection

Kaolin	1332-58-7	<p><b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 20 ppm.</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b> C3. TWA EV 8 hours: 20 ppm.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 8 hours: 100 ppm. OEL 8 hours: 434 mg/m<sup>3</sup>. OEL 15 minutes: 543 mg/m<sup>3</sup>. OEL 15 minutes: 125 ppm.</p> <p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b> STEL 15 minutes: 4 mg/m<sup>3</sup>. Form: respirable fraction. TWA 8 hours: 2 mg/m<sup>3</sup>. Form: respirable fraction.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024)</b> TWA 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable. Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable particulate matter..</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b> TWA EV 8 hours: 2 mg/m<sup>3</sup>. Form: respirable aerosol fraction.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable.</p>
Quartz	14808-60-7	<p><b>CA Quebec Provincial (Canada, 2/2024) [Silica Crystalline - Tripoli]</b> TWA EV 8 hours: 0.1 mg/m<sup>3</sup>. Form: respirable aerosol fraction.</p> <p><b>CA Quebec Provincial (Canada, 2/2024) [Silica Crystalline -Quartz] C2.</b> TWA EV 8 hours: 0.1 mg/m<sup>3</sup>. Form: respirable aerosol fraction.</p>
Methyl Ethyl Ketoxime	96-29-7	<p><b>OARS WEEL (United States, 9/2024)</b> Skin sensitizer. TWA 8 hours: 10 ppm.</p>
Petroleum refining, hydrotreated light distillate	64742-47-8	<p><b>CA British Columbia Provincial (Canada, 9/2024) [kerosene/jet fuels]</b> Absorbed through skin. TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour). Notes: Application restricted to conditions in which there are negligible aerosol exposures.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b> Absorbed through skin. TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour).</p> <p><b>CA Quebec Provincial (Canada, 2/2024) [kerosene] C3.</b> Absorbed through skin. TWA EV 8 hours: 200 mg/m<sup>3</sup>.</p> <p><b>CA Alberta Provincial (Canada, 3/2023) [Kerosene/Jet fuels]</b> Absorbed through skin.</p>

## Section 8. Exposure controls/personal protection

OEL 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour).

### Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
Lt. Aliphatic Hydrocarbon Solvent	64742-89-8	<b>ACGIH TLV (United States, 1/2024) [branched hexane isomers] A3.</b> TWA 8 hours: 200 ppm.
Crystalline Silica, respirable powder	14808-60-7	<b>ACGIH TLV (United States, 1/2024) [hexane] A3.</b> Absorbed through skin. TWA 8 hours: 100 ppm.
Xylene, mixed isomers	1330-20-7	<b>NOM-010-STPS-2014 (Mexico, 4/2016) A2.</b> TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NOM-010-STPS-2014 (Mexico, 4/2016) [Xileno, mezcla] A4.</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm.

### Biological exposure indices (United States)

Ingredient name	Exposure indices
Xylene, mixed isomers	<b>ACGIH BEI (United States, 1/2024) [xylenes (technical or commercial grades)]</b> BEI: 0.3 g/g creatinine, methylhippuric acids [in urine]. Sampling time: end of shift.
Ethylbenzene	<b>ACGIH BEI (United States, 1/2024)</b> BEI: 150 mg/g creatinine, sum of mandelic acid and phenylglyoxylic acid [in urine]. Sampling time: end of shift.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

Ingredient name	Exposure indices
Xylene, mixed isomers	<b>Official Mexican STANDARD NOM-047-SSA1-2011, Environmental Health-Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) [xilenos (grado técnico o comercial)]</b> BEI: 1.5 g/g creatinine, methyl hippuric acids [in urine]. Sampling time: at the end of the work shift.

#### Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

#### Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## Section 8. Exposure controls/personal protection

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : White.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not applicable.
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : 115°C (239°F)
- Flash point** : Closed cup: 17°C (62.6°F) [Pensky-Martens Closed Cup]
- Evaporation rate** : 1.5 (butyl acetate = 1)
- Flammability** : Flammable liquid.
- Lower and upper explosion limit/flammability limit** : Lower: 0.9%  
Upper: 7%
- Vapor pressure** : 1.6 kPa (12 mm Hg)
- Relative vapor density** : 3.66 [Air = 1]

## Section 9. Physical and chemical properties

**Relative density** : 1.48  
**Density** : 1.48 g/cm<sup>3</sup>  
**Solubility(ies)** :

Media	Result
cold water	Not soluble

**Partition coefficient: n-octanol/water** : Not applicable.  
**Auto-ignition temperature** : Not available.  
**Decomposition temperature** : Not available.  
**Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): <20.5 mm<sup>2</sup>/s (<20.5 cSt)  
**Molecular weight** : Not applicable.  
**Particle characteristics**  
**Median particle size** : Not applicable.  
**Heat of combustion** : 9.624 kJ/g

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.  
**Chemical stability** : The product is stable.  
**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.  
**Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.  
**Incompatible materials** : Reactive or incompatible with the following materials:  
oxidizing materials  
**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Xylene, mixed isomers

##### **Result**

**Rat - Oral - LD50**

4300 mg/kg

**Toxic effects:** Liver - Other changes  
Kidney, Ureter, and Bladder - Other changes

**Rat - Inhalation - LC50 Gas.**

6700 ppm [4 hours]

**Toxic effects:** Behavioral - Somnolence (general depressed activity)

Ethylbenzene

**Rat - Oral - LD50**

## Section 11. Toxicological information

Methyl Ethyl Ketoxime	3500 mg/kg
	<u>Toxic effects:</u> Liver - Other changes Kidney, Ureter, and Bladder - Other changes
	<b>Rabbit - Dermal - LD50</b>
	>5000 mg/kg
	<b>Rat - Oral - LD50</b>
	930 mg/kg

**Conclusion/Summary [Product]** : Not available.

### Skin corrosion/irritation

#### **Product/ingredient name**

#### **Result**

Titanium Dioxide

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug I

Talc

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug I

Xylene, mixed isomers

**Rat - Skin - Mild irritant**

Duration of treatment/exposure: 8 hours

Amount/concentration applied: 60 uL

**Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

**Rabbit - Skin - Moderate irritant**

Amount/concentration applied: 100 %

Ethylbenzene

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 15 mg

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

#### **Product/ingredient name**

#### **Result**

Xylene, mixed isomers

**Rabbit - Eyes - Mild irritant**

Amount/concentration applied: 87 mg

**Rabbit - Eyes - Severe irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 5 mg

Ethylbenzene

**Rabbit - Eyes - Severe irritant**

Amount/concentration applied: 500 mg

Methyl Ethyl Ketoxime

**Rabbit - Eyes - Severe irritant**

Amount/concentration applied: 100 uL

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.



## Section 11. Toxicological information

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-
Crystalline Silica, respirable powder	+	1	Known to be a human carcinogen.
Talc	-	2A	-
Xylene, mixed isomers	-	3	-
Ethylbenzene	-	2B	-
Crystalline Silica, non-respirable	+	1	Known to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

#### **Result**

Calcium Carbonate	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Lt. Aliphatic Hydrocarbon Solvent	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
Mineral Spirits 140-Flash	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
Xylene, mixed isomers	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Ethylbenzene	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
Methyl Ethyl Ketoxime	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

## Section 11. Toxicological information

(upper respiratory tract) - Category 1  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Narcotic effects) - Category 3

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Mineral Spirits 140-Flash

Crystalline Silica, respirable powder

Talc

Mica

Xylene, mixed isomers

Ethylbenzene

Methyl Ethyl Ketoxime

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (inhalation) - Category 1

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) (inhalation) - Category 1

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) (inhalation) - Category 1

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (blood system) - Category 2

### Aspiration hazard

#### **Product/ingredient name**

Lt. Aliphatic Hydrocarbon Solvent

Mineral Spirits 140-Flash

Xylene, mixed isomers

Ethylbenzene

Light Aliphatic Hydrocarbon

#### **Result**

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

#### **Eye contact**

: Causes serious eye irritation.

#### **Inhalation**

: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.

#### **Skin contact**

: Causes skin irritation. May cause an allergic skin reaction.

#### **Ingestion**

: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

### Symptoms related to the physical, chemical and toxicological characteristics

#### **Eye contact**

: Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

#### **Inhalation**

: Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness

## Section 11. Toxicological information

- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

- General** : Causes damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
ProBlock® Primer, Interior Oil-Based	118571.0	68936.6	N/A	N/A	N/A
Xylene, mixed isomers	4300	2500	N/A	N/A	N/A
Ethylbenzene	3500	N/A	N/A	11	N/A
Methyl Ethyl Ketoxime	100	1100	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

Lt. Aliphatic Hydrocarbon Solvent

#### Result

##### Acute - LC50 - Fresh water

US EPA

Fish - Rainbow trout,donaldson trout - *Oncorhynchus mykiss*

Weight: 0.32 g

>10 pph [96 hours]

Effect: Mortality

Titanium Dioxide

##### Acute - LC50 - Marine water

Fish - Mummichog - *Fundulus heteroclitus*

## Section 12. Ecological information

Xylene, mixed isomers

>1000 mg/l [96 hours]

Effect: Mortality

**Acute - LC50 - Marine water**

Crustaceans - Daggerblade grass shrimp - *Palaemon pugio*

8500 µg/l [48 hours]

Effect: Mortality

**Acute - LC50 - Fresh water**

Fish - Fathead minnow - *Pimephales promelas*

Age: 31 days; Size: 18.4 mm; Weight: 0.077 g

13.4 mg/l [96 hours]

Effect: Mortality

Ethylbenzene

**Acute - LC50 - Fresh water**

Fish - Rainbow trout, donaldson trout - *Oncorhynchus mykiss*

4200 µg/l [96 hours]

Effect: Mortality

**Acute - EC50 - Fresh water**

Daphnia - Water flea - *Daphnia magna* - Neonate

Age: ≤24 hours

2.93 mg/l [48 hours]

Effect: Intoxication

**Acute - EC50 - Fresh water**

Algae - Green algae - *Raphidocelis subcapitata*

3600 µg/l [96 hours]

Effect: Population

Methyl Ethyl Ketoxime

**Acute - LC50 - Fresh water**

Fish - Fathead minnow - *Pimephales promelas*

Age: 30 days; Size: 21.2 mm; Weight: 0.148 g

843 mg/l [96 hours]

Effect: Mortality

Light Aliphatic Hydrocarbon

**Acute - LC50 - Fresh water**

Fish - Bluegill - *Lepomis macrochirus*

Size: 35 to 75 mm

2200 µg/l [4 days]

Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Xylene, mixed isomers	-	-	Readily
Ethylbenzene	-	-	Readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Lt. Aliphatic Hydrocarbon	-	10 to 2500	High
Solvent	-		
Xylene, mixed isomers	-	8.1 to 25.9	Low
Methyl Ethyl Ketoxime	-	2.5 to 5.8	Low

## Section 12. Ecological information

### Mobility in soil

**Soil/Water partition coefficient** : Not available.






### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	UN1263	UN1263	UN1263	UN1263	UN1263
<b>UN proper shipping name</b>	PAINT	PAINT	PAINT	PAINT	PAINT
<b>Transport hazard class(es)</b>	3 	3 	3 	3 	3 
<b>Packing group</b>	II	II	II	II	II
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-  <b>ERG No.</b> 128	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3). <b>ERG No.</b> 128	-  <b>ERG No.</b> 128	-	<b>Emergency schedules</b> F-E, S-E

## Section 14. Transport information

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**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** :

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### **International lists**

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	3
Flammability		3
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

## Section 16. Other information

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 2	On basis of test data
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
CARCINOGENICITY - Category 1A	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method
ASPIRATION HAZARD - Category 1	Calculation method

### History

**Date of printing** : 8/19/2025

**Date of issue/Date of revision** : 8/19/2025

**Date of previous issue** : 2/14/2025

**Version** : 31

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.





# SAFETY DATA SHEET

B20T2654

## Section 1. Identification

**Product name** : PROMAR® 200 Zero VOC Interior Latex Eg-Shel  
Ultradeep Base

**Product code** : B20T2654

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : Manufactured by:  
THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A  
CARCINOGENICITY - Category 2

### GHS label elements

**Hazard pictograms**



**Signal word** : Warning

**Hazard statements** : Causes skin irritation.  
Causes serious eye irritation.  
Suspected of causing cancer.

### Precautionary statements

**General** : Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Wash thoroughly after handling.

## Section 2. Hazards identification

Response	: IF exposed or concerned: Get medical advice or attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	: Store locked up.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure. Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
Hazards not otherwise classified	: None known.
Hazards identified when used	: No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of identification	: Not available.
<u>CAS number/other identifiers</u>	

Ingredient name	% by weight	Identifiers
Calcium Carbonate	≥10 - <20	1317-65-3
Heavy Paraffinic Oil	≤3	64742-65-0
Attapulgite Clay	≤1	12174-11-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : Causes skin irritation.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness  
**Inhalation** : No specific data.  
**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Calcium Carbonate	1317-65-3	<b>NIOSH REL (United States, 10/2020) [calcium carbonate]</b> TWA 10 hours: 10 mg/m <sup>3</sup> . Form: Total. TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction.
Heavy Paraffinic Oil	64742-65-0	<b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction. <b>ACGIH TLV (United States, 1/2024) [Mineral Oil, pure, highly and severely refined] A4.</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable fraction. <b>NIOSH REL (United States, 10/2020) [OIL MIST MINERAL]</b> TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Mist. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Mist. <b>OSHA PEL (United States, 5/2018) [Oil mist, mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> .
Attapulgite Clay	12174-11-7	None.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Heavy Paraffinic Oil	64742-65-0	<b>CA Ontario Provincial (Canada, 6/2019) [Mineral oil, excluding metal working fluids (pure, highly and severely refined)]</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable particulate matter.. <b>CA Alberta Provincial (Canada, 3/2023) [Oil]</b> OEL 8 hours: 5 mg/m <sup>3</sup> . Form: Mist. OEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Mist.
Fibres-Natural Mineral Fibres, Attapulgite	12174-11-7	<b>CA Quebec Provincial (Canada, 2/2024) [Attapulgite] C1.</b> TWA <sub>EV</sub> 8 hours: 1 fibers/cm <sup>3</sup> . Form: RESPIRABLE FIBRES (other than respirable asbestos fibres) : Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter of less than 3 µm and a ratio of length to diameter of more than 3 : 1..

## Section 8. Exposure controls/personal protection

### Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
Heavy Paraffinic Oil	64742-65-0	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> <b>[Aceite mineral puro, alta y muy alta refinación, nieblas, except fluidos de corte de metal] A4.</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: mist.

### Biological exposure indices (United States)

No exposure indices known.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

**Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

Physical state	: Liquid.
Color	: Clear.
Odor	: Not available.
Odor threshold	: Not available.
pH	: 9.5
Melting point/freezing point	: Not available.
Boiling point or initial boiling point and boiling range	: 100°C (212°F)
Flash point	: Closed cup: Not applicable.
Evaporation rate	: 0.09 (butyl acetate = 1)
Flammability	: Not available.
Lower and upper explosion limit/flammability limit	: Not available.
Vapor pressure	: 2.3 kPa (17.5 mm Hg)
Relative vapor density	: 1 [Air = 1]
Relative density	: 1.16
Density	: 1.16 g/cm <sup>3</sup>
Solubility(ies)	:

Media	Result
cold water	Partially soluble

Partition coefficient: n-octanol/water	: Not applicable.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm <sup>2</sup> /s (>20.5 cSt)
Molecular weight	: Not applicable.
<u>Particle characteristics</u>	
Median particle size	: Not applicable.
Heat of combustion	: 1.019 kJ/g

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.

## Section 10. Stability and reactivity

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Heavy Paraffinic Oil

##### **Result**

**Rabbit - Dermal - LD50**

>5000 mg/kg

**Rat - Oral - LD50**

>5000 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory or skin sensitization

Not available.

#### **Skin**

**Conclusion/Summary [Product]** : Not available.

#### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

#### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Carcinogenicity



## Section 11. Toxicological information

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Attapulgate Clay	-	2B	-

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

Calcium Carbonate

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

#### **Product/ingredient name**

Heavy Paraffinic Oil

#### **Result**

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

#### **Eye contact**

: Causes serious eye irritation.

#### **Inhalation**

: No known significant effects or critical hazards.

#### **Skin contact**

: Causes skin irritation.

#### **Ingestion**

: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

#### **Eye contact**

: Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

#### **Inhalation**

: No specific data.

#### **Skin contact**

: Adverse symptoms may include the following:  
irritation  
redness

#### **Ingestion**

: No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

## Section 11. Toxicological information

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Long term exposure

**Potential immediate effects** : Not available.


**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure. 

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according  
to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

### U.S. Federal regulations :

#### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

#### International regulations

##### Montreal Protocol

Not listed.

##### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### International lists

: **Australia inventory (AII):** Not determined.  
**China inventory (IECSC):** Not determined.  
**Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**Korea inventory (KECI):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** Not determined.  
**Taiwan Chemical Substances Inventory (TCSI):** Not determined.  
**Thailand inventory:** Not determined.  
**Turkey inventory:** Not determined.  
**Vietnam inventory:** Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	3
Flammability	0
Physical hazards	0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A CARCINOGENICITY - Category 2	Calculation method Calculation method Calculation method

### History

**Date of printing** : 10/1/2025

**Date of issue/Date of revision** : 10/1/2025

**Date of previous issue** : 8/20/2025

**Version** : 25

## Section 16. Other information

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

📌 Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

K46W1153

## Section 1. Identification

**Product name** : PRO INDUSTRIAL™ Pre-Catalyzed Waterbased Epoxy Semi-Gloss  
Deep Base

**Product code** : K46W1153

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: (800) 524-5979  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 1A

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : May cause cancer.

### Precautionary statements

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection.

**Response** : IF exposed or concerned: Get medical advice or attention.

**Storage** : Store locked up.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

## Section 2. Hazards identification

### Supplemental label elements

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure.

This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

### Hazards not otherwise classified

: None known.

## Section 3. Composition/information on ingredients

### Substance/mixture

: Mixture

### Other means of identification

: Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Titanium Dioxide	≤10	13463-67-7
Cristobalite, respirable powder	≤0.3	14464-46-1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

#### Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

#### Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

#### Ingestion

: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Section 4. First aid measures

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
  - carbon dioxide
  - carbon monoxide
  - metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.



## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024)</b> A3. TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles.
Cristobalite, respirable powder	14464-46-1	<b>NIOSH REL (United States, 10/2020)</b> NIA. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. <b>ACGIH TLV (United States, 1/2024) [Silica, crystalline]</b> A2. TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020) [SILICA, CRYSTALLINE]</b> NIA. TWA 10 hours: 0.05 mg/m <sup>3</sup> . Form: respirable dust. <b>OSHA PEL (United States, 5/2018) [Silica, crystalline]</b> TWA 8 hours: 50 µg/m <sup>3</sup> . Form: Respirable dust. <b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 250 / 2 x (%SiO <sub>2</sub> +5) mppcf. Form: Respirable. TWA 8 hours: 10 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Respirable. TWA 8 hours: 30 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Total dust.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Cristobalite	14464-46-1	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> TWA 8 hours: 0.05 mg/m <sup>3</sup> . Form: respirable fraction. <b>CA British Columbia Provincial (Canada, 9/2024) [silica, crystalline - alpha quartz and cristobalite]</b> Carc 2A, Carc 1. TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable. <b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 0.05 mg/m <sup>3</sup> . Form: Respirable particulate matter.. <b>CA Quebec Provincial (Canada, 2/2024)</b> TWA EV 8 hours: 0.05 mg/m <sup>3</sup> . Form: respirable aerosol fraction. <b>CA Alberta Provincial (Canada, 3/2023)</b> A2. OEL 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable particulate.

#### Occupational exposure limits (Mexico)

None.

#### Biological exposure indices (United States)

## Section 8. Exposure controls/personal protection

No exposure indices known.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**  
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

Physical state	: Liquid.
Color	: White.
Odor	: Not available.
Odor threshold	: Not available.
pH	: 9.4
Melting point/freezing point	: Not available.
Boiling point or initial boiling point and boiling range	: 100°C (212°F)
Flash point	: Closed cup: Not applicable.
Evaporation rate	: 0.09 (butyl acetate = 1)
Flammability	: Not available.
Lower and upper explosion limit/flammability limit	: Lower: 0.6% Upper: 20.4%
Vapor pressure	: 2.3 kPa (17.5 mm Hg)
Relative vapor density	: 1 [Air = 1]
Relative density	: 1.14
Density	: 1.13 g/cm <sup>3</sup>
Solubility(ies)	:

Media	Result
cold water	Partially soluble

Partition coefficient: n-octanol/water	: Not applicable.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm <sup>2</sup> /s (>20.5 cSt)
Molecular weight	: Not applicable.
<u>Particle characteristics</u>	
Median particle size	: Not applicable.
Heat of combustion	: 0.922 kJ/g

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.

## Section 10. Stability and reactivity

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Titanium Dioxide

##### **Result**

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug l

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory or skin sensitization

Not available.

#### **Skin**

**Conclusion/Summary [Product]** : Not available.

#### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

#### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Carcinogenicity

Not available.

## Section 11. Toxicological information

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide Cristobalite, respirable powder	- +	2B 1	- Known to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Cristobalite, respirable powder

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) (inhalation) - Category 1

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### **Long term exposure**

## Section 11. Toxicological information

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

Titanium Dioxide

#### Result

##### **Acute - LC50 - Marine water**

Fish - Mummichog - *Fundulus heteroclitus*

>1000 mg/l [96 hours]

Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according  
to IMO instruments** : Not available.

**Proper shipping name** : Not available.



## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 5(a)2 final significant new use rules: Sodium Nitrite

<a href="#">List name</a>	<a href="#">Name on list</a>	<a href="#">Notes</a>
TSCA 5(a)2 - Final significant new use rules	Sodium Nitrite (Nitrites of Alkali Metals (Group IA elements))	40 CFR 721.4740

### [California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### [International regulations](#)

#### [Montreal Protocol](#)

Not listed.

#### [Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

### [International lists](#)

: **Australia inventory (AII)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### [Hazardous Material Information System \(U.S.A.\)](#)

Health	*	0
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### [Procedure used to derive the classification](#)

Classification	Justification
CARCINOGENICITY - Category 1A	Calculation method

### [History](#)

**Date of printing** : 7/31/2025

**Date of issue/Date of revision** : 7/31/2025

## Section 16. Other information

**Date of previous issue** : 6/12/2025

**Version** : 19.05

**Key to abbreviations** :

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- N/A = Not available
- SGG = Segregation Group
- UN = United Nations

✔ Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
B31W2651

## Section 1. Identification

**Product name** : PROMAR® 200 Zero VOC Interior Latex Semi-Gloss  
Extra White

**Product code** : B31W2651

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : Manufactured by:  
THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 2

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Suspected of causing cancer.

### Precautionary statements

**General** : Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.

**Response** : IF exposed or concerned: Get medical advice or attention.

**Storage** : Store locked up.

## Section 2. Hazards identification

- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  
Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.
- Hazards identified when used** : No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Titanium Dioxide	≥10 - ≤25	13463-67-7
Calcium Carbonate	<10	1317-65-3
Heavy Paraffinic Oil	≤1	64742-65-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

### Potential acute health effects

## Section 4. First aid measures

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
  - carbon dioxide
  - carbon monoxide
  - metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

## Section 6. Accidental release measures

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024)</b> A3. TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles. <b>NIOSH REL (United States, 10/2020)</b> NIA. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.
Calcium Carbonate	1317-65-3	<b>NIOSH REL (United States, 10/2020)</b> <b>[calcium carbonate]</b> TWA 10 hours: 10 mg/m <sup>3</sup> . Form: Total. TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Respirable

Section 8. Exposure controls/personal protection

Heavy Paraffinic Oil	64742-65-0	fraction. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m³. Form: Total dust. TWA 8 hours: 5 mg/m³. Form: Respirable fraction. <b>ACGIH TLV (United States, 1/2024)</b> <b>[Mineral Oil, pure, highly and severely refined] A4.</b> TWA 8 hours: 5 mg/m³. Form: Inhalable fraction. <b>NIOSH REL (United States, 10/2020) [OIL MIST MINERAL]</b> TWA 10 hours: 5 mg/m³. Form: Mist. STEL 15 minutes: 10 mg/m³. Form: Mist. <b>OSHA PEL (United States, 5/2018) [Oil mist, mineral]</b> TWA 8 hours: 5 mg/m³.
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Occupational exposure limits (Canada)

None.

Occupational exposure limits (Mexico)

None.

Biological exposure indices (United States)

No exposure indices known.

Biological exposure indices (Canada)

No exposure indices known.

Biological exposure indices (Mexico)

No exposure indices known.

- Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection



## Section 8. Exposure controls/personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : White.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9.1
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg)
- Relative vapor density** : 1 [Air = 1]
- Relative density** : 1.23
- Density** : 1.23 g/cm<sup>3</sup>
- Solubility(ies)** :

Media	Result
cold water	Partially soluble

- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): >20.5 mm<sup>2</sup>/s (>20.5 cSt)



## Section 9. Physical and chemical properties

**Molecular weight** : Not applicable.

### Particle characteristics

**Median particle size** : Not applicable.

**Heat of combustion** : 0.977 kJ/g

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Heavy Paraffinic Oil

##### **Result**

**Rabbit - Dermal - LD50**

>5000 mg/kg

**Rat - Oral - LD50**

>5000 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Titanium Dioxide

##### **Result**

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug l

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

## Section 11. Toxicological information

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

Calcium Carbonate

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

#### **Product/ingredient name**

Heavy Paraffinic Oil

#### **Result**

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

## Section 11. Toxicological information

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

#### Long term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

General	: No known significant effects or critical hazards.
Carcinogenicity	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result
Titanium Dioxide	<b>Acute - LC50 - Marine water</b> Fish - Mummichog - <i>Fundulus heteroclitus</i> >1000 mg/l [96 hours] <u>Effect</u> : Mortality

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

## Section 12. Ecological information

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

## Section 14. Transport information

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**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** :

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### **International lists**

: **Australia inventory (AIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	2
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

## Section 16. Other information

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 2	Calculation method

### History

Date of printing : 11/16/2025

Date of issue/Date of revision : 11/16/2025

Date of previous issue : 8/19/2025

Version : 25.03

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

B20W2653

## Section 1. Identification

**Product name** : PROMAR® 200 Zero VOC Interior Latex Eg-Shel  
Deep Base

**Product code** : B20W2653

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : Manufactured by:  
THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A  
CARCINOGENICITY - Category 1A

### GHS label elements

**Hazard pictograms**



**Signal word** : Danger

**Hazard statements** : Causes skin irritation.  
Causes serious eye irritation.  
May cause cancer.

### Precautionary statements

**General** : Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Wash thoroughly after handling.

## Section 2. Hazards identification

- Response** : IF exposed or concerned: Get medical advice or attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure. Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.
- Hazards identified when used** : No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.
- CAS number/other identifiers**

Ingredient name	% by weight	Identifiers
Calcium Carbonate	≥10 - <20	1317-65-3
Titanium Dioxide	≤5	13463-67-7
Heavy Paraffinic Oil	≤1	64742-65-0
Crystalline Silica, respirable powder	≤0.3	14808-60-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.



## Section 4. First aid measures

- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes skin irritation.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

## Section 5. Fire-fighting measures

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Calcium Carbonate	1317-65-3	<b>NIOSH REL (United States, 10/2020) [calcium carbonate]</b> TWA 10 hours: 10 mg/m <sup>3</sup> . Form: Total. TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction.
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024) A3.</b> TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles. <b>NIOSH REL (United States, 10/2020) NIA.</b> <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.
Heavy Paraffinic Oil	64742-65-0	<b>ACGIH TLV (United States, 1/2024) [Mineral Oil, pure, highly and severely refined] A4.</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable fraction. <b>NIOSH REL (United States, 10/2020) [OIL MIST MINERAL]</b> TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Mist. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Mist. <b>OSHA PEL (United States, 5/2018) [Oil mist, mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> .
Crystalline Silica, respirable powder	14808-60-7	<b>ACGIH TLV (United States, 1/2024) [Silica, crystalline] A2.</b> TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020) [SILICA, CRYSTALLINE] NIA.</b> TWA 10 hours: 0.05 mg/m <sup>3</sup> . Form: respirable dust. <b>OSHA PEL (United States, 5/2018) [Silica, crystalline]</b> TWA 8 hours: 50 µg/m <sup>3</sup> . Form: Respirable dust. <b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 250 / (%SiO <sub>2</sub> +5) mppcf. Form: Respirable. TWA 8 hours: 10 / (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Respirable.

## Section 8. Exposure controls/personal protection

### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Quartz	14808-60-7	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> TWA 8 hours: 0.05 mg/m <sup>3</sup> . Form: respirable fraction. <b>CA British Columbia Provincial (Canada, 9/2024) [silica, crystalline - alpha quartz and cristobalite]</b> Carc 2A, Carc 1. TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable. <b>CA Ontario Provincial (Canada, 6/2019) [Silica, Crystalline (Quartz/Tripoli)]</b> TWA 8 hours: 0.1 mg/m <sup>3</sup> . Form: Respirable particulate matter.. <b>CA Quebec Provincial (Canada, 2/2024) [Silica Crystalline -Quartz]</b> C2. TWAEV 8 hours: 0.1 mg/m <sup>3</sup> . Form: respirable aerosol fraction. <b>CA Alberta Provincial (Canada, 3/2023) A2.</b> OEL 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable particulate.

### Occupational exposure limits (Mexico)

None.

### Biological exposure indices (United States)

No exposure indices known.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

#### **Appropriate engineering controls**

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### **Environmental exposure controls**

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### **Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **Eye/face protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

## Section 8. Exposure controls/personal protection

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

**Physical state** : Liquid.  
**Color** : White.  
**Odor** : Not available.  
**Odor threshold** : Not available.  
**pH** : 9.5  
**Melting point/freezing point** : Not available.  
**Boiling point or initial boiling point and boiling range** : 100°C (212°F)  
**Flash point** : Closed cup: Not applicable.  
**Evaporation rate** : 0.09 (butyl acetate = 1)  
**Flammability** : Not available.  
**Lower and upper explosion limit/flammability limit** : Not available.  
**Vapor pressure** : 2.3 kPa (17.5 mm Hg)  
**Relative vapor density** : 1 [Air = 1]  
**Relative density** : 1.21  
**Density** : 1.21 g/cm<sup>3</sup>  
**Solubility(ies)** :

Media	Result
cold water	Partially soluble

**Partition coefficient: n-octanol/water** : Not applicable.

**Auto-ignition temperature** : Not available.

**Decomposition temperature** : Not available.

## Section 9. Physical and chemical properties

<b>Viscosity</b>	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm <sup>2</sup> /s (>20.5 cSt)
<b>Molecular weight</b>	: Not applicable.
<b><u>Particle characteristics</u></b>	
<b>Median particle size</b>	: Not applicable.
<b>Heat of combustion</b>	: 0.944 kJ/g

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Heavy Paraffinic Oil

##### **Result**

**Rabbit - Dermal - LD50**

>5000 mg/kg

**Rat - Oral - LD50**

>5000 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Titanium Dioxide

##### **Result**

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug l

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

## Section 11. Toxicological information

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide Crystalline Silica, respirable powder	- +	2B 1	- Known to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

Calcium Carbonate

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Crystalline Silica, respirable powder

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (inhalation) - Category 1

### Aspiration hazard

## Section 11. Toxicological information

### Product/ingredient name

Heavy Paraffinic Oil

### Result

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes skin irritation.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A



## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

Titanium Dioxide

#### Result

**Acute - LC50 - Marine water**

Fish - Mummichog - *Fundulus heteroclitus*

>1000 mg/l [96 hours]

Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

#### Soil/Water partition coefficient

: Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-

Section 14. Transport information					
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** :

**California Prop. 65**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**International regulations**

**Montreal Protocol**

Not listed.

**Stockholm Convention on Persistent Organic Pollutants**

Not listed.

**International lists**

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	2
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

#### Procedure used to derive the classification

Classification	Justification
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method
CARCINOGENICITY - Category 1A	Calculation method

#### History

**Date of printing** : 9/13/2025

**Date of issue/Date of revision** : 9/13/2025

**Date of previous issue** : 8/20/2025

**Version** : 23.01

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

#### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of

## Section 16. Other information

sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

71500/74500

## Section 1. Identification

**Product name** : MINWAX® Performance Series  
Clear

**Product code** : 71500/74500

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : MINWAX Company  
101 W. Prospect Ave  
Cleveland, Ohio 44115

**Emergency telephone number of the company** : US/Canada: (800) 424-9300  
Mexico: CHEMTREC México 800-681-9531. Available 24 hours and 365 days per year

**Product Information Telephone Number** : US/Canada: (800) 523-9299  
Mexico: 800-717-3123 / 55-5333-1501

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 3  
SKIN CORROSION/IRRITATION - Category 2  
SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 2  
TOXIC TO REPRODUCTION - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
ASPIRATION HAZARD - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 50.6% (oral), 52% (dermal), 50.6% (inhalation)

### GHS label elements

**Hazard pictograms**



**Signal word** : Danger

## Section 2. Hazards identification

- Hazard statements**
- : Flammable liquid and vapor.
  - May be fatal if swallowed and enters airways.
  - Causes skin irritation.
  - May cause an allergic skin reaction.
  - May cause drowsiness or dizziness.
  - Suspected of causing cancer.
  - May damage fertility or the unborn child.
  - Causes damage to organs through prolonged or repeated exposure.

### Precautionary statements

- General**
- : Keep out of reach of children. If medical advice is needed, have product container or label at hand.
- Prevention**
- : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
- Response**
- : IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice or attention.
- Storage**
- : Store locked up. Store in a well-ventilated place. Keep container tightly closed.
- Disposal**
- : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements**
- DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified**
- : DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

## Section 3. Composition/information on ingredients

- Substance/mixture**
- : Mixture
- Other means of identification**
- : Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Mineral Spirits 140-Flash	≥50 - ≤75	64742-88-7
Light Aromatic Hydrocarbons	≤3	64742-95-6
Xylene, mixed isomers	≤3	1330-20-7
trimethylbenzene	≤3	25551-13-7
1,3,5-Trimethylbenzene	<1	108-67-8
1,2,4-Trimethylbenzene	<1	95-63-6
Ethylbenzene	<1	100-41-4
Methyl Ethyl Ketoxime	≤0.3	96-29-7
Zinc Octoate	≤0.3	136-53-8
Cumene	≤0.3	98-82-8

## Section 3. Composition/information on ingredients

1,2,3-Trimethylbenzene	≤0.3	526-73-8
Cobalt 2-Ethylhexanoate	≤0.3	136-52-7
Hydrotreated Heavy Petroleum Naphtha	≤0.3	64742-48-9

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

## Section 4. First aid measures

- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.



## Section 5. Fire-fighting measures



- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Remark** : Flammable liquid.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. 
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. 

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters


#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Mineral Spirits 140-Flash	64742-88-7	<b>OSHA PEL (United States, 5/2018) [Naphtha (Coal tar)]</b> TWA 8 hours: 100 ppm. TWA 8 hours: 400 mg/m <sup>3</sup> .
Light Aromatic Hydrocarbons Xylene, mixed isomers	64742-95-6 1330-20-7	None. <b>ACGIH TLV (United States, 1/2024) [p-xylene and mixtures containing p-xylene] A4.</b> Ototoxicant. TWA 8 hours: 20 ppm. <b>OSHA PEL (United States, 5/2018) [Xylenes]</b> TWA 8 hours: 100 ppm. TWA 8 hours: 435 mg/m <sup>3</sup> .
trimethylbenzene	25551-13-7	<b>ACGIH TLV (United States, 1/2024) [trimethyl benzene, isomers]</b> TWA 8 hours: 10 ppm.
1,3,5-Trimethylbenzene	108-67-8	<b>ACGIH TLV (United States, 1/2024) [trimethyl benzene, isomers]</b> TWA 8 hours: 10 ppm. <b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 25 ppm. TWA 10 hours: 125 mg/m <sup>3</sup> .
1,2,4-Trimethylbenzene	95-63-6	<b>ACGIH TLV (United States, 1/2024) A4.</b> TWA 8 hours: 10 ppm. <b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 25 ppm. TWA 10 hours: 125 mg/m <sup>3</sup> .
Ethylbenzene	100-41-4	<b>ACGIH TLV (United States, 1/2024) A3.</b> Ototoxicant. TWA 8 hours: 20 ppm. <b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 100 ppm. TWA 10 hours: 435 mg/m <sup>3</sup> . STEL 15 minutes: 125 ppm. STEL 15 minutes: 545 mg/m <sup>3</sup> . <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 100 ppm. TWA 8 hours: 435 mg/m <sup>3</sup> .
Methyl Ethyl Ketoxime	96-29-7	<b>OARS WEEL (United States, 9/2024)</b> Skin sensitizer. TWA 8 hours: 10 ppm.
Zinc Octoate	136-53-8	None.

## Section 8. Exposure controls/personal protection

Cumene	98-82-8	<b>ACGIH TLV (United States, 1/2024)</b> A3. TWA 8 hours: 5 ppm. <b>NIOSH REL (United States, 10/2020)</b> Absorbed through skin. TWA 10 hours: 50 ppm. TWA 10 hours: 245 mg/m <sup>3</sup> . <b>OSHA PEL (United States, 5/2018)</b> Absorbed through skin. TWA 8 hours: 50 ppm. TWA 8 hours: 245 mg/m <sup>3</sup> .
1,2,3-Trimethylbenzene	526-73-8	<b>ACGIH TLV (United States, 1/2024)</b> <b>[trimethyl benzene, isomers]</b> TWA 8 hours: 10 ppm. <b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 25 ppm. TWA 10 hours: 125 mg/m <sup>3</sup> .
Cobalt 2-Ethylhexanoate	136-52-7	<b>ACGIH TLV (United States, 1/2024)</b> [cobalt and inorganic compounds] A3. Skin sensitizer , Inhalation sensitizer. TWA 8 hours: 0.02 mg/m <sup>3</sup> (as Co).
Hydrotreated Heavy Petroleum Naphtha	64742-48-9	None.

### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Medium aliphatic solvent naphtha (petroleum) C9-C12	64742-88-7	<b>CA Ontario Provincial (Canada, 6/2019)</b>  <b>[Mineral Spirits]</b> TWA 8 hours: 525 mg/m <sup>3</sup> .
Xylene	1330-20-7	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> <b>[Xylene]</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm. <b>CA British Columbia Provincial (Canada, 9/2024)</b> <b>[xylene (o, m &amp; p isomers)]</b> TWA 8 hours: 100 ppm. STEL 15 minutes: 150 ppm. <b>CA Ontario Provincial (Canada, 6/2019)</b> <b>[Xylene (o-, m-, p-isomers)]</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm. <b>CA Quebec Provincial (Canada, 2/2024)</b> <b>[Xylene]</b> TWA <sub>AEV</sub> 8 hours: 100 ppm. TWA <sub>AEV</sub> 8 hours: 434 mg/m <sup>3</sup> . STEL 15 minutes: 150 ppm. STEL 15 minutes: 651 mg/m <sup>3</sup> . <b>CA Alberta Provincial (Canada, 3/2023)</b> <b>[Dimethylbenzene]</b> OEL 8 hours: 100 ppm. OEL 15 minutes: 651 mg/m <sup>3</sup> . OEL 15 minutes: 150 ppm. OEL 8 hours: 434 mg/m <sup>3</sup> .
Trimethylbenzene	25551-13-7	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> <b>[Trimethyl benzene]</b> STEL 15 minutes: 30 ppm. TWA 8 hours: 25 ppm. <b>CA British Columbia Provincial (Canada,</b>

## Section 8. Exposure controls/personal protection

Ethylbenzene	100-41-4	<p><b>9/2024) [trimethyl benzene (mixed isomers)]</b>  TWA 8 hours: 25 ppm.  <b>CA Ontario Provincial (Canada, 6/2019) [Trimethyl benzene (mixed isomers)]</b>  TWA 8 hours: 25 ppm.  <b>CA Quebec Provincial (Canada, 2/2024) [Trimethyl benzene]</b> Sensitizer.  TWA EV 8 hours: 25 ppm.  <b>CA Alberta Provincial (Canada, 3/2023) [Trimethyl benzene]</b>  OEL 8 hours: 123 mg/m<sup>3</sup>.  OEL 8 hours: 25 ppm.  <b>CA Saskatchewan Provincial (Canada, 4/2021)</b>  STEL 15 minutes: 125 ppm.  TWA 8 hours: 100 ppm.  <b>CA British Columbia Provincial (Canada, 9/2024) Carc 2B.</b>  TWA 8 hours: 20 ppm.  <b>CA Ontario Provincial (Canada, 6/2019)</b>  TWA 8 hours: 20 ppm.  <b>CA Quebec Provincial (Canada, 2/2024) C3.</b>  TWA EV 8 hours: 20 ppm.  <b>CA Alberta Provincial (Canada, 3/2023)</b>  OEL 8 hours: 100 ppm.  OEL 8 hours: 434 mg/m<sup>3</sup>.  OEL 15 minutes: 543 mg/m<sup>3</sup>.  OEL 15 minutes: 125 ppm.</p>
Methyl Ethyl Ketoxime	96-29-7	<p><b>OARS WEEL (United States, 9/2024)</b> Skin sensitizer.  TWA 8 hours: 10 ppm.</p>
Cumene	98-82-8	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b>  STEL 15 minutes: 74 ppm.  TWA 8 hours: 50 ppm.  <b>CA British Columbia Provincial (Canada, 9/2024) Carc 2B.</b>  TWA 8 hours: 25 ppm.  STEL 15 minutes: 75 ppm.  <b>CA Ontario Provincial (Canada, 6/2019)</b>  TWA 8 hours: 50 ppm.  <b>CA Quebec Provincial (Canada, 2/2024) C3.</b>  TWA EV 8 hours: 5 ppm.  <b>CA Alberta Provincial (Canada, 3/2023)</b>  OEL 8 hours: 50 ppm.  OEL 8 hours: 246 mg/m<sup>3</sup>.</p>
Cobalt 2-Ethylhexanoate	136-52-7	<p><b>CA Saskatchewan Provincial (Canada, 4/2021) [Cobalt and inorganic compounds]</b>  STEL 15 minutes: 0.06 mg/m<sup>3</sup> (measured as Co).  TWA 8 hours: 0.02 mg/m<sup>3</sup> (measured as Co).  <b>CA British Columbia Provincial (Canada, 9/2024) [cobalt and inorganic compounds]</b></p>

Section 8. Exposure controls/personal protection

		<p>Carc 2B. Skin sensitizer. TWA 8 hours: 0.02 mg/m³ (as Co). Form: Inhalable. <b>CA Ontario Provincial (Canada, 6/2019)</b> <b>[Cobalt and inorganic compounds]</b> TWA 8 hours: 0.02 mg/m³ (as Co). <b>CA Quebec Provincial (Canada, 2/2024)</b> <b>[Cobalt elemental, and inorganic compounds]</b> C3. Skin sensitizer , Inhalation sensitizer. TWA EV 8 hours: 0.02 mg/m³ (as Co). Form: inhalable aerosol fraction.</p>
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Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
Xylene, mixed isomers	1330-20-7	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> <b>[Xileno, mezcla] A4.</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm.
trimethylbenzene	25551-13-7	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> <b>[Trimetil benceno, mezcla de Isómeros]</b> TWA 8 hours: 25 ppm.
Cumene	98-82-8	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> TWA 8 hours: 50 ppm.
Cobalt 2-Ethylhexanoate	136-52-7	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> <b>[Cobalto y compuestos inorgánicos] A3.</b> TWA 8 hours: 0.02 mg/m³ (as Co).

Biological exposure indices (United States)

Ingredient name	Exposure indices
Xylene, mixed isomers	<b>ACGIH BEI (United States, 1/2024) [xylenes (technical or commercial grades)]</b> BEI: 0.3 g/g creatinine, methylhippuric acids [in urine]. Sampling time: end of shift.
Ethylbenzene	<b>ACGIH BEI (United States, 1/2024)</b> BEI: 150 mg/g creatinine, sum of mandelic acid and phenylglyoxylic acid [in urine]. Sampling time: end of shift.
Cobalt 2-Ethylhexanoate	<b>ACGIH BEI (United States, 1/2024) [cobalt and inorganic compounds including cobalt oxides]</b> BEI: 15 µg/l, not combined with tungsten carbide - cobalt [in urine]. Sampling time: end of shift at end of workweek. BEI: Nonquantitative: Biological monitoring should be considered for this compound based on the review; however, a specific BEI® could not be determined due to insufficient data., cobalt with tungsten carbide - cobalt [in urine]. Sampling time: end of shift at end of workweek.

Biological exposure indices (Canada)

No exposure indices known.

## Section 8. Exposure controls/personal protection

### Biological exposure indices (Mexico)

Ingredient name	Exposure indices
Xylene, mixed isomers	<p><b>Official Mexican STANDARD NOM-047-SSA1-2011, Environmental Health-Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) [xilenos (grado técnico o comercial)]</b></p> <p>BEI: 1.5 g/g creatinine, methyl hippuric acids [in urine]. Sampling time: at the end of the work shift.</p>
Cobalt 2-Ethylhexanoate	<p><b>Official Mexican STANDARD NOM-047-SSA1-2011, Environmental Health-Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) [cobalto]</b></p> <p>BEI: 1 µg/l [Basal level. The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included in the value; semi-quantitative. The biological determinant is an indicator of chemical exposure, but the quantitative interpretation of the measure is ambiguous. These biological determinants should be used as a screening test if a quantitative test is not possible.], cobalt [in blood]. Sampling time: at the end of the shift at the end of the work week.</p> <p>BEI: 15 µg/l [Basal level. The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included in the value], cobalt [in urine]. Sampling time: at the end of the shift at the end of the work week.</p>

### Appropriate engineering controls

- : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

### Environmental exposure controls

- : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

## Section 8. Exposure controls/personal protection

<b>Hygiene measures</b>	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Eye/face protection</b>	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
<b>Skin protection</b>	
<b>Hand protection</b>	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
<b>Body protection</b>	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
<b>Other skin protection</b>	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>Respiratory protection</b>	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

<b>Physical state</b>	: Liquid.
<b>Color</b>	: Clear.
<b>Odor</b>	: Not available.
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: Not applicable.
<b>Melting point/freezing point</b>	: Not available.
<b>Boiling point or initial boiling point and boiling range</b>	: 138°C (280.4°F)
<b>Flash point</b>	: Closed cup: 41°C (105.8°F) [Pensky-Martens Closed Cup]
<b>Evaporation rate</b>	: 0.53 (butyl acetate = 1)
<b>Flammability</b>	: Flammable liquid.
<b>Lower and upper explosion limit/flammability limit</b>	: Lower: 0.7% Upper: 7%
<b>Vapor pressure</b>	: 0.79 kPa (5.9 mm Hg)
<b>Relative vapor density</b>	: 3.66 [Air = 1]
<b>Relative density</b>	: 0.88



## Section 9. Physical and chemical properties

**Density** : 0.87 g/cm<sup>3</sup>

**Solubility(ies)** :

Media	Result
cold water	Not soluble

**Partition coefficient: n-octanol/water** : Not applicable.

**Auto-ignition temperature** : Not available.

**Decomposition temperature** : Not available.

**Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): <20.5 mm<sup>2</sup>/s (<20.5 cSt)

**Molecular weight** : Not applicable.

### Particle characteristics

**Median particle size** : Not applicable.

**Heat of combustion** : 24.638 kJ/g

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

**Incompatible materials** : Reactive or incompatible with the following materials:  
oxidizing materials

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Light Aromatic Hydrocarbons

##### **Result**

##### **Rat - Oral - LD50**

8400 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Behavioral - Tremor Lung, Thorax, or Respiration - Other changes

##### **Rat - Oral - LD50**

4300 mg/kg

Toxic effects: Liver - Other changes Kidney, Ureter, and Bladder - Other changes

##### **Rat - Inhalation - LC50 Gas.**

6700 ppm [4 hours]



## Section 11. Toxicological information

trimethylbenzene	<u>Toxic effects:</u> Behavioral - Somnolence (general depressed activity) <b>Rat - Oral - LD50</b> 8970 mg/kg
1,3,5-Trimethylbenzene	<b>Rat - Oral - LD50</b> 5000 mg/kg <b>Rat - Inhalation - LC50 Vapor</b> 24000 mg/m <sup>3</sup> [4 hours]
1,2,4-Trimethylbenzene	<b>Rat - Oral - LD50</b> 5 g/kg <b>Rat - Inhalation - LC50 Vapor</b> 18000 mg/m <sup>3</sup> [4 hours]
Ethylbenzene	<b>Rat - Oral - LD50</b> 3500 mg/kg <u>Toxic effects:</u> Liver - Other changes Kidney, Ureter, and Bladder - Other changes <b>Rabbit - Dermal - LD50</b> >5000 mg/kg
Methyl Ethyl Ketoxime	<b>Rat - Oral - LD50</b> 930 mg/kg
Zinc Octoate	<b>Rabbit - Dermal - LD50</b> >5 g/kg <b>Rat - Oral - LD50</b> 3.55 g/kg
Cumene	<u>Toxic effects:</u> Behavioral - Ataxia Behavioral - Coma <b>Rat - Oral - LD50</b> 1400 mg/kg <u>Toxic effects:</u> Gastrointestinal - Gastritis <b>Rat - Inhalation - LC50 Vapor</b> 39000 mg/m <sup>3</sup> [4 hours]
Cobalt 2-Ethylhexanoate	<b>Rabbit - Dermal - LD50</b> >5 g/kg <u>Toxic effects:</u> Skin After topical exposure - Primary irritation <b>Rat - Oral - LD50</b> 1.22 g/kg <u>Toxic effects:</u> Behavioral - Ataxia Behavioral - Coma
Hydrotreated Heavy Petroleum Naphtha	<b>Rat - Oral - LD50</b> >6 g/kg <b>Rat - Inhalation - LC50 Vapor</b> 8500 mg/m <sup>3</sup> [4 hours] <u>Toxic effects:</u> Lung, Thorax, or Respiration - Other changes

**Conclusion/Summary [Product]** : Not available.

### Skin corrosion/irritation

#### **Product/ingredient name**

Xylene, mixed isomers

#### **Result**

**Rat - Skin - Mild irritant**

Duration of treatment/exposure: 8 hours

Amount/concentration applied: 60 uL

**Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

**Rabbit - Skin - Moderate irritant**

Amount/concentration applied: 100 %

trimethylbenzene

**Rabbit - Skin - Moderate irritant**

## Section 11. Toxicological information

1,3,5-Trimethylbenzene	<u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 500 mg <b>Rabbit - Skin - Moderate irritant</b>
Ethylbenzene	<u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 20 mg <b>Rabbit - Skin - Mild irritant</b>
Cumene	<u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 15 mg <b>Rabbit - Skin - Mild irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 10 mg <b>Rabbit - Skin - Moderate irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 100 mg

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

#### **Product/ingredient name**

#### **Result**

Light Aromatic Hydrocarbons	<b>Rabbit - Eyes - Mild irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 100 uL
Xylene, mixed isomers	<b>Rabbit - Eyes - Mild irritant</b> <u>Amount/concentration applied:</u> 87 mg <b>Rabbit - Eyes - Severe irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 5 mg
trimethylbenzene	<b>Rabbit - Eyes - Mild irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 500 mg
1,3,5-Trimethylbenzene	<b>Rabbit - Eyes - Mild irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 500 mg
Ethylbenzene	<b>Rabbit - Eyes - Severe irritant</b> <u>Amount/concentration applied:</u> 500 mg
Methyl Ethyl Ketoxime	<b>Rabbit - Eyes - Severe irritant</b> <u>Amount/concentration applied:</u> 100 uL
Cumene	<b>Rabbit - Eyes - Mild irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 500 mg <b>Rabbit - Eyes - Mild irritant</b> <u>Amount/concentration applied:</u> 86 mg

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

## Section 11. Toxicological information

### Skin

**Conclusion/Summary [Product]** : Not available.

### Respiratory

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Xylene, mixed isomers	-	3	-
Ethylbenzene	-	2B	-
Cumene	-	2B	Reasonably anticipated to be a human carcinogen.
Cobalt 2-Ethylhexanoate	-	2B	Reasonably anticipated to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### Product/ingredient name

#### Result

Mineral Spirits 140-Flash

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Light Aromatic Hydrocarbons

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

Xylene, mixed isomers

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

1,3,5-Trimethylbenzene

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

1,2,4-Trimethylbenzene

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

Ethylbenzene

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Methyl Ethyl Ketoxime

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (upper respiratory tract) - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

## Section 11. Toxicological information

Cumene	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
1,2,3-Trimethylbenzene	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Result
Mineral Spirits 140-Flash	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
Xylene, mixed isomers	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
Ethylbenzene	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
Methyl Ethyl Ketoxime	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (blood system) - Category 2

### Aspiration hazard

Product/ingredient name	Result
Mineral Spirits 140-Flash	ASPIRATION HAZARD - Category 1
Light Aromatic Hydrocarbons	ASPIRATION HAZARD - Category 1
Xylene, mixed isomers	ASPIRATION HAZARD - Category 1
trimethylbenzene	ASPIRATION HAZARD - Category 1
1,3,5-Trimethylbenzene	ASPIRATION HAZARD - Category 1
1,2,4-Trimethylbenzene	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1
Cumene	ASPIRATION HAZARD - Category 1
1,2,3-Trimethylbenzene	ASPIRATION HAZARD - Category 1
Hydrotreated Heavy Petroleum Naphtha	ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

<b>Eye contact</b>	: No known significant effects or critical hazards.
<b>Inhalation</b>	: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
<b>Skin contact</b>	: Causes skin irritation. May cause an allergic skin reaction.
<b>Ingestion</b>	: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	: Adverse symptoms may include the following: pain or irritation watering redness
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## Section 11. Toxicological information

<b>Inhalation</b>	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness reduced fetal weight increase in fetal deaths skeletal malformations
<b>Skin contact</b>	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
<b>Ingestion</b>	: Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

#### **Long term exposure**

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

<b>General</b>	: Causes damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
<b>Carcinogenicity</b>	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: May damage fertility or the unborn child.

### Numerical measures of toxicity

#### **Acute toxicity estimates**

## Section 11. Toxicological information

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
MINWAX® Performance Series	14400.8	52345.2	N/A	375.0	N/A
Light Aromatic Hydrocarbons	8400	N/A	N/A	N/A	N/A
Xylene, mixed isomers	4300	2500	N/A	N/A	N/A
trimethylbenzene	500	N/A	N/A	11	N/A
1,3,5-Trimethylbenzene	5000	N/A	N/A	24	N/A
1,2,4-Trimethylbenzene	5000	N/A	N/A	18	N/A
Ethylbenzene	3500	N/A	N/A	11	N/A
Methyl Ethyl Ketoxime	100	1100	N/A	N/A	N/A
Zinc Octoate	3550	N/A	N/A	N/A	N/A
Cumene	1400	N/A	N/A	39	N/A
Cobalt 2-Ethylhexanoate	1220	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

#### Result

Xylene, mixed isomers

#### Acute - LC50 - Marine water

Crustaceans - Daggerblade grass shrimp - *Palaemon pugio*

8500 µg/l [48 hours]

Effect: Mortality

#### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*

Age: 31 days; Size: 18.4 mm; Weight: 0.077 g

13.4 mg/l [96 hours]

Effect: Mortality

trimethylbenzene

#### Acute - LC50 - Marine water

Crustaceans - Daggerblade grass shrimp - *Palaemon pugio*

5600 µg/l [48 hours]

Effect: Mortality

1,3,5-Trimethylbenzene

#### Acute - LC50 - Marine water

Crustaceans - Dungeness or edible crab - *Cancer magister* - Zoea

Age: 1

13 mg/l [48 hours]

Effect: Mortality

#### Acute - LC50 - Fresh water

Fish - Goldfish - *Carassius auratus*

Age: 1 to 1.5 years; Size: 13 to 20 cm; Weight: 20 to 80 g

12.52 mg/l [96 hours]

Effect: Mortality

#### Chronic - NOEC - Fresh water

Daphnia - Water flea - *Daphnia magna*

Age: ≤24 hours

0.4 mg/l [21 days]

Effect: Reproduction

1,2,4-Trimethylbenzene

#### Acute - LC50 - Marine water

Crustaceans - Scud - *Elasmopus pecteniscus* - Adult

4910 µg/l [48 hours]

Effect: Mortality

#### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*

Age: 34 days

## Section 12. Ecological information

Ethylbenzene	7720 µg/l [96 hours] <u>Effect</u> : Mortality <b>Acute - LC50 - Fresh water</b> Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> 4200 µg/l [96 hours] <u>Effect</u> : Mortality <b>Acute - EC50 - Fresh water</b> Daphnia - Water flea - <i>Daphnia magna</i> - Neonate <u>Age</u> : ≤24 hours 2.93 mg/l [48 hours] <u>Effect</u> : Intoxication <b>Acute - EC50 - Fresh water</b> Algae - Green algae - <i>Raphidocelis subcapitata</i> 3600 µg/l [96 hours] <u>Effect</u> : Population
	<b>Acute - LC50 - Fresh water</b> Fish - Fathead minnow - <i>Pimephales promelas</i> <u>Age</u> : 30 days; <u>Size</u> : 21.2 mm; <u>Weight</u> : 0.148 g 843 mg/l [96 hours] <u>Effect</u> : Mortality
	<b>Acute - EC50 - Fresh water</b> US EPA Daphnia - Water flea - <i>Daphnia magna</i> <u>Age</u> : <24 hours 1.6 ppm [48 hours] <u>Effect</u> : Intoxication
	<b>Acute - LC50 - Fresh water</b> US EPA Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> <u>Weight</u> : 0.31 g 0.44 ppm [96 hours] <u>Effect</u> : Mortality
Cumene	<b>Acute - LC50 - Fresh water</b> Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> 2700 µg/l [96 hours] <u>Effect</u> : Mortality <b>Acute - EC50 - Marine water</b> Crustaceans - Brine shrimp - <i>Artemia sp.</i> - Nauplii <u>Age</u> : 2 to 3 7.4 mg/l [48 hours] <u>Effect</u> : Intoxication <b>Acute - EC50 - Fresh water</b> Algae - Green algae - <i>Raphidocelis subcapitata</i> 2600 µg/l [72 hours] <u>Effect</u> : Growth

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

## Section 12. Ecological information

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Light Aromatic Hydrocarbons	-	-	Readily
Xylene, mixed isomers	-	-	Readily
Ethylbenzene	-	-	Readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Light Aromatic Hydrocarbons	-	10 to 2500	High
Xylene, mixed isomers	-	8.1 to 25.9	Low
1,3,5-Trimethylbenzene	-	161	Low
1,2,4-Trimethylbenzene	-	243	Low
Methyl Ethyl Ketoxime	-	2.5 to 5.8	Low
Zinc Octoate	-	60960	High
Cumene	-	35.48	Low
1,2,3-Trimethylbenzene	-	194.98	Low
Cobalt 2-Ethylhexanoate	-	15600	High
Hydrotreated Heavy Petroleum Naphtha	-	10 to 2500	High

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations







**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263



## Section 14. Transport information

UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT. Marine pollutant (Mineral Spirits 140-Flash, Light Aromatic Hydrocarbons)
Transport hazard class(es)	3 	3 	3 	3 	3  
Packing group	III	III	III	III	III
Environmental hazards	No.	No.	No.	Yes. The environmentally hazardous substance mark is not required.	Yes.
Additional information	This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials in package sizes less than the product reportable quantity. <b>ERG No.</b> 128	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3). <b>ERG No.</b> 128	- <b>ERG No.</b> 128	The environmentally hazardous substance mark may appear if required by other transportation regulations.	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. <b>Emergency schedules</b> F-E, S-E

**Special precautions for user :** Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments :** Not available.

**Proper shipping name :** Not available.

## Section 15. Regulatory information

### U.S. Federal regulations :

#### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

#### International regulations

##### Montreal Protocol

Not listed.

##### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### International lists

: **Australia inventory (AIIIC):** Not determined.  
**China inventory (IECSC):** Not determined.  
**Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**Korea inventory (KECI):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** Not determined.  
**Taiwan Chemical Substances Inventory (TCSI):** Not determined.  
**Thailand inventory:** Not determined.  
**Turkey inventory:** Not determined.  
**Vietnam inventory:** Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	3
Flammability		2
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 3	On basis of test data
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
CARCINOGENICITY - Category 2	Calculation method
TOXIC TO REPRODUCTION - Category 1B	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method
ASPIRATION HAZARD - Category 1	Calculation method

### History

**Date of printing** : 7/31/2025  
: 7/31/2025

## Section 16. Other information

**Date of issue/Date of revision**

**Date of previous issue** : 2/7/2025

**Version** : 20

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

▣ Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
B51W620

## Section 1. Identification

Product name	: ProBlock® Premium All-Purpose Water-Based Interior/Exterior Primer White
Product code	: B51W620
Other means of identification	: Not available.
Product type	: Liquid.
<u>Relevant identified uses of the substance or mixture and uses advised against</u>	
Paint or paint related material.	
Manufacturer	: THE SHERWIN-WILLIAMS COMPANY 101 W. Prospect Avenue Cleveland, OH 44115
Emergency telephone number of the company	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year
Product Information Telephone Number	: US / Canada: 1-800-474-3794 Mexico: Not Available
Transportation Emergency Telephone Number	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	: CARCINOGENICITY - Category 1B SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

### GHS label elements

Hazard pictograms

:



Signal word

: Danger

Hazard statements

: May cause cancer.  
Causes damage to organs through prolonged or repeated exposure. (lungs)

### Precautionary statements

General

: Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Response

: IF exposed or concerned: Get medical advice or attention.

Storage

: Store locked up.

## Section 2. Hazards identification

- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.
- Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.
- Hazards identified when used** : No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.
- CAS number/other identifiers**

Ingredient name	% by weight	Identifiers
Titanium Dioxide	≥10 - ≤25	13463-67-7
Talc	≤10	14807-96-6
Attapulgite Clay	≤1	12174-11-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing

## Section 4. First aid measures

such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
  - carbon dioxide
  - carbon monoxide
  - nitrogen oxides
  - metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.



## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024)</b> A3. TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles.
Talc	14807-96-6	<b>NIOSH REL (United States, 10/2020)</b> NIA. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. <b>ACGIH TLV (United States, 1/2024)</b> A4. TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable fraction.
Attapulgate Clay	12174-11-7	<b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 2 mg/m <sup>3</sup> . Form: Respirable fraction. None.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
talc (none asbestiform)	14807-96-6	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: respirable fraction. <b>CA British Columbia Provincial (Canada, 9/2024)</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable. Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica. <b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable particulate matter.. TWA 8 hours: 2 fibers/cm <sup>3</sup> . <b>CA Quebec Provincial (Canada, 2/2024)</b> TWA <sub>AEV</sub> 8 hours: 2 mg/m <sup>3</sup> . Form: respirable aerosol fraction. <b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable particulate.
Fibres-Natural Mineral Fibres, Attapulgate	12174-11-7	<b>CA Quebec Provincial (Canada, 2/2024)</b> [Attapulgate] C1. TWA <sub>AEV</sub> 8 hours: 1 fibers/cm <sup>3</sup> . Form: RESPIRABLE FIBRES (other than respirable asbestos fibres) : Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter of less than 3 µm and a ratio of length to diameter of more than 3 : 1..

#### Occupational exposure limits (Mexico)

None.

#### Biological exposure indices (United States)

No exposure indices known.

#### Biological exposure indices (Canada)



## Section 8. Exposure controls/personal protection

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**  
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.  
Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : White.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 8.8

## Section 9. Physical and chemical properties

<b>Melting point/freezing point</b>	: Not available.
<b>Boiling point or initial boiling point and boiling range</b>	: 100°C (212°F)
<b>Flash point</b>	: Closed cup: Not applicable.
<b>Evaporation rate</b>	: 0.09 (butyl acetate = 1)
<b>Flammability</b>	: Not available.
<b>Lower and upper explosion limit/flammability limit</b>	: Not available.
<b>Vapor pressure</b>	: 2.3 kPa (17.5 mm Hg)
<b>Relative vapor density</b>	: 1 [Air = 1]
<b>Relative density</b>	: 1.31
<b>Density</b>	: 1.3 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	:

Media	Result
cold water	Partially soluble

<b>Partition coefficient: n-octanol/water</b>	: Not applicable.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm <sup>2</sup> /s (>20.5 cSt)
<b>Molecular weight</b>	: Not applicable.
<b>Particle characteristics</b>	
<b>Median particle size</b>	: Not applicable.
<b>Heat of combustion</b>	: 0.165 kJ/g

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Titanium Dioxide

##### **Result**

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug l

Talc

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug l

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory or skin sensitization

Not available.

#### **Skin**

**Conclusion/Summary [Product]** : Not available.

#### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

#### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

## Section 11. Toxicological information

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-
Talc	-	2A	-
Attapulgate Clay	-	2B	-

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Talc

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) (inhalation) - Category 1

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### **Long term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

## Section 11. Toxicological information

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : Causes damage to organs through prolonged or repeated exposure.  
**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

#### **Product/ingredient name**

Titanium Dioxide

#### **Result**

##### **Acute - LC50 - Marine water**

Fish - Mummichog - *Fundulus heteroclitus*  
>1000 mg/l [96 hours]  
Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according  
to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 5(a)2 final significant new use rules: Sodium Nitrite

<a href="#">List name</a>	<a href="#">Name on list</a>	<a href="#">Notes</a>
TSCA 5(a)2 - Final significant new use rules	Sodium Nitrite (Nitrites of Alkali Metals (Group IA elements))	40 CFR 721.4740

### [California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### [International regulations](#)

#### [Montreal Protocol](#)

Not listed.

#### [Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

### [International lists](#)

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### [Hazardous Material Information System \(U.S.A.\)](#)

Health	*	3
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### [Procedure used to derive the classification](#)

Classification	Justification
CARCINOGENICITY - Category 1B	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method

### [History](#)

**Date of printing** : 11/4/2025

**Date of issue/Date of revision** : 11/4/2025

## Section 16. Other information

**Date of previous issue** : 10/13/2025

**Version** : 24.01

**Key to abbreviations** :

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- N/A = Not available
- SGG = Segregation Group
- UN = United Nations

▀ Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.



# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
A6W351

## Section 1. Identification

**Product name** : A-100® Exterior Latex Flat  
Extra White

**Product code** : A6W351

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**  
Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 1A

### GHS label elements

**Hazard pictograms**



**Signal word** : Danger

**Hazard statements** : May cause cancer.

### Precautionary statements

**General** : Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.

**Response** : IF exposed or concerned: Get medical advice or attention.

**Storage** : Store locked up.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

## Section 2. Hazards identification

### Supplemental label elements

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure. Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

### Hazards not otherwise classified

: None known.

### Hazards identified when used

: No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

### Substance/mixture

: Mixture

### Other means of identification

: Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Titanium Dioxide	≥10 - ≤25	13463-67-7
Zinc Oxide	≤3	1314-13-2
Heavy Paraffinic Oil	≤1	64742-65-0
Attapulgite Clay	≤1	12174-11-7
Cristobalite, respirable powder	≤0.3	14464-46-1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

#### Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

#### Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024)</b> A3. TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles. <b>NIOSH REL (United States, 10/2020)</b> NIA. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.
Zinc Oxide	1314-13-2	<b>ACGIH TLV (United States, 1/2024)</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable fraction. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Dust and fumes. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Fume. CEIL: 15 mg/m <sup>3</sup> . Form: Dust. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Fume.
Heavy Paraffinic Oil	64742-65-0	<b>ACGIH TLV (United States, 1/2024)</b> <b>[Mineral Oil, pure, highly and severely refined]</b> A4. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable fraction. <b>NIOSH REL (United States, 10/2020)</b> [OIL MIST MINERAL] TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Mist. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Mist. <b>OSHA PEL (United States, 5/2018)</b> [Oil mist, mineral] TWA 8 hours: 5 mg/m <sup>3</sup> .
Attapulgite Clay Cristobalite, respirable powder	12174-11-7 14464-46-1	None. <b>ACGIH TLV (United States, 1/2024)</b> [Silica, crystalline] A2. TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020)</b> [SILICA, CRYSTALLINE] NIA. TWA 10 hours: 0.05 mg/m <sup>3</sup> . Form: respirable dust. <b>OSHA PEL (United States, 5/2018)</b> [Silica, crystalline] TWA 8 hours: 50 µg/m <sup>3</sup> . Form: Respirable dust. <b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 250 / 2 x (%SiO <sub>2</sub> +5) mppcf. Form: Respirable. TWA 8 hours: 10 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Respirable. TWA 8 hours: 30 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> .

## Section 8. Exposure controls/personal protection

Form: Total dust.

### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Zinc Oxide	1314-13-2	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b>            STEL 15 minutes: 10 mg/m<sup>3</sup>. Form: respirable dust and fume.            TWA 8 hours: 2 mg/m<sup>3</sup>. Form: respirable dust and fume.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024)</b>            TWA 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable.            STEL 15 minutes: 10 mg/m<sup>3</sup>. Form: Respirable.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b>            TWA 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable particulate matter..            STEL 15 minutes: 10 mg/m<sup>3</sup>. Form: Respirable particulate matter..</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b>            TWAEV 8 hours: 2 mg/m<sup>3</sup>. Form: respirable aerosol fraction.            STEV 15 minutes: 10 mg/m<sup>3</sup>. Form: respirable aerosol fraction.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b>            OEL 8 hours: 2 mg/m<sup>3</sup>. Form: Respirable.            OEL 15 minutes: 10 mg/m<sup>3</sup>. Form: Respirable.</p>
Fibres-Natural Mineral Fibres, Attapulgit	12174-11-7	<p><b>CA Quebec Provincial (Canada, 2/2024) [Attapulgit] C1.</b>            TWAEV 8 hours: 1 fibers/cm<sup>3</sup>. Form: RESPIRABLE FIBRES (other than respirable asbestos fibres) : Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter of less than 3 µm and a ratio of length to diameter of more than 3 : 1..</p>
Cristobalite	14464-46-1	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b>            TWA 8 hours: 0.05 mg/m<sup>3</sup>. Form: respirable fraction.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024) [silica, crystalline - alpha quartz and cristobalite] Carc 2A, Carc 1.</b>            TWA 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b>            TWA 8 hours: 0.05 mg/m<sup>3</sup>. Form: Respirable particulate matter..</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b>            TWAEV 8 hours: 0.05 mg/m<sup>3</sup>. Form: respirable aerosol fraction.</p> <p><b>CA Alberta Provincial (Canada, 3/2023) A2.</b>            OEL 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable particulate.</p>

## Section 8. Exposure controls/personal protection

### Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
Zinc Oxide	1314-13-2	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable fraction. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Respirable fraction.

### Biological exposure indices (United States)

No exposure indices known.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

**Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.



## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

Physical state	: Liquid.
Color	: White.
Odor	: Not available.
Odor threshold	: Not available.
pH	: 9.3
Melting point/freezing point	: Not available.
Boiling point or initial boiling point and boiling range	: 100°C (212°F)
Flash point	: Closed cup: Not applicable.
Evaporation rate	: 0.09 (butyl acetate = 1)
Flammability	: Not available.
Lower and upper explosion limit/flammability limit	: Not available.
Vapor pressure	: 2.3 kPa (17.5 mm Hg)
Relative vapor density	: 1 [Air = 1]
Relative density	: 1.32
Density	: 1.31 g/cm <sup>3</sup>
Solubility(ies)	:

Media	Result
cold water	Partially soluble

Partition coefficient: n-octanol/water	: Not applicable.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm <sup>2</sup> /s (>20.5 cSt)
Molecular weight	: Not applicable.
<u>Particle characteristics</u>	
Median particle size	: Not applicable.
Heat of combustion	: 0.822 kJ/g

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.



## Section 10. Stability and reactivity

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Heavy Paraffinic Oil

##### **Result**

**Rabbit - Dermal - LD50**

>5000 mg/kg

**Rat - Oral - LD50**

>5000 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Titanium Dioxide

##### **Result**

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug l

Zinc Oxide

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

##### **Product/ingredient name**

Zinc Oxide

##### **Result**

**Rabbit - Eyes - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory or skin sensitization

Not available.

#### **Skin**

**Conclusion/Summary [Product]** : Not available.

#### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

## Section 11. Toxicological information

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-
Attapulgate Clay	-	2B	-
Cristobalite, respirable powder	+	1	Known to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Cristobalite, respirable powder

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) (inhalation) - Category 1

### Aspiration hazard

#### **Product/ingredient name**

Heavy Paraffinic Oil

#### **Result**

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

#### **Eye contact**

: No known significant effects or critical hazards.

#### **Inhalation**

: No known significant effects or critical hazards.

#### **Skin contact**

: No known significant effects or critical hazards.

#### **Ingestion**

: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

#### **Eye contact**

: No specific data.

## Section 11. Toxicological information

**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

#### Result

Titanium Dioxide

#### Acute - LC50 - Marine water

Fish - Mummichog - *Fundulus heteroclitus*  
>1000 mg/l [96 hours]

Effect: Mortality

Zinc Oxide

#### Acute - LC50 - Fresh water

Daphnia - Water flea - *Daphnia magna* - Neonate  
Age: <24 hours  
98 µg/l [48 hours]

Effect: Mortality

#### Acute - LC50 - Fresh water

US EPA  
Fish - Rainbow trout, donaldson trout - *Oncorhynchus mykiss*  
Weight: 0.78 g  
1.1 ppm [96 hours]  
Effect: Mortality

#### Acute - IC50 - Fresh water

Algae - Green algae - *Raphidocelis subcapitata* - Exponential growth phase

## Section 12. Ecological information

46 µg/l [72 hours]

Effect: Population

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Zinc Oxide	-	28960	High

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.





## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	UN3082	UN3082
UN proper shipping name	-	-	-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diuron, Zinc Oxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diuron, Zinc Oxide). Marine pollutant (Zinc Oxide)

## Section 14. Transport information

Transport hazard class(es)	-	-	-	9  	9  
Packing group	-	-	-	III	III
Environmental hazards	No.	No.	No.	Yes.	Yes.
Additional information	-	-	-	This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.	This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. <b><u>Emergency schedules F-A, S-F</u></b>

**Special precautions for user :** Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments :** Not available.

**Proper shipping name :** Not available.

## Section 15. Regulatory information

**U.S. Federal regulations :**

[California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

[International regulations](#)

[Montreal Protocol](#)

Not listed.

## Section 15. Regulatory information

### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### International lists

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	1
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

#### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 1A	Calculation method

#### History

**Date of printing** : 11/15/2025

**Date of issue/Date of revision** : 11/15/2025

**Date of previous issue** : 11/5/2025

**Version** : 8.01

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

## Section 16. Other information

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
B30W12651

## Section 1. Identification

**Product name** : PROMAR® 200 Zero VOC Interior Latex Flat  
Extra White

**Product code** : B30W12651

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**  
Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 3.2% (oral), 3.2% (dermal), 3.2% (inhalation)

### GHS label elements

**Hazard pictograms**



**Signal word** : Danger

**Hazard statements** : Suspected of causing cancer.  
Causes damage to organs through prolonged or repeated exposure. (lungs)

### Precautionary statements

**General** : Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.



## Section 2. Hazards identification

<b>Response</b>	: IF exposed or concerned: Get medical advice or attention.
<b>Storage</b>	: Store locked up.
<b>Disposal</b>	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Supplemental label elements</b>	WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
<b>Hazards not otherwise classified</b>	: None known.
<b>Hazards identified when used</b>	: No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: Mixture
<b>Other means of identification</b>	: Not available.

### CAS number/other identifiers

<b>Ingredient name</b>	<b>% by weight</b>	<b>Identifiers</b>
Titanium Dioxide	≥10 - ≤25	13463-67-7
Kaolin	≤5	1332-58-7
Amorphous Silica	≤3	7631-86-9
Aluminum Hydroxide	≤3	21645-51-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

<b>Eye contact</b>	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
<b>Inhalation</b>	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Skin contact</b>	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Ingestion</b>	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Section 4. First aid measures

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
  - carbon dioxide
  - carbon monoxide
  - metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 1/2024) A3.</b> TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable fraction, finescale particles.
Kaolin	1332-58-7	<b>NIOSH REL (United States, 10/2020) NIA.</b> <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. <b>ACGIH TLV (United States, 1/2024) A4.</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 10 mg/m <sup>3</sup> . Form: Total. TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction.
Amorphous Silica	7631-86-9	<b>NIOSH REL (United States, 10/2020) [SILICA, AMORPHOUS] NIA.</b> TWA 10 hours: 6 mg/m <sup>3</sup> .
Aluminum Hydroxide	21645-51-2	<b>ACGIH TLV (United States, 1/2024) [Aluminum, metal and insoluble compounds] A4.</b> TWA 8 hours: 1 mg/m <sup>3</sup> . Form: Respirable fraction.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Kaolin	1332-58-7	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> STEL 15 minutes: 4 mg/m <sup>3</sup> . Form: respirable fraction. TWA 8 hours: 2 mg/m <sup>3</sup> . Form: respirable fraction. <b>CA British Columbia Provincial (Canada, 9/2024)</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable. Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica. <b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable particulate matter.. <b>CA Quebec Provincial (Canada, 2/2024)</b> TWAEV 8 hours: 2 mg/m <sup>3</sup> . Form: respirable aerosol fraction. <b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable.

#### Occupational exposure limits (Mexico)

None.

## Section 8. Exposure controls/personal protection

### Biological exposure indices (United States)

No exposure indices known.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

<b>Appropriate engineering controls</b>	: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
<b>Environmental exposure controls</b>	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
<b><u>Individual protection measures</u></b>	
<b>Hygiene measures</b>	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Eye/face protection</b>	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
<b><u>Skin protection</u></b>	
<b>Hand protection</b>	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
<b>Body protection</b>	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>Other skin protection</b>	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>Respiratory protection</b>	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

<b>Physical state</b>	: Liquid.
<b>Color</b>	: White.
<b>Odor</b>	: Not available.

## Section 9. Physical and chemical properties

Odor threshold	: Not available.
pH	: 9.6
Melting point/freezing point	: Not available.
Boiling point or initial boiling point and boiling range	: 100°C (212°F)
Flash point	: Closed cup: Not applicable.
Evaporation rate	: 0.09 (butyl acetate = 1)
Flammability	: Not available.
Lower and upper explosion limit/flammability limit	: Not available.
Vapor pressure	: 2.3 kPa (17.5 mm Hg)
Relative vapor density	: 1 [Air = 1]
Relative density	: 1.37
Density	: 1.37 g/cm <sup>3</sup>
Solubility(ies)	:

Media	Result
cold water	Partially soluble

Partition coefficient: n-octanol/water	: Not applicable.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm <sup>2</sup> /s (>20.5 cSt)
Molecular weight	: Not applicable.
<u>Particle characteristics</u>	
Median particle size	: Not applicable.
Heat of combustion	: 0.85 kJ/g

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Titanium Dioxide

##### **Result**

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 72 hours

Amount/concentration applied: 300 ug l

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

##### **Product/ingredient name**

Amorphous Silica

##### **Result**

**Rabbit - Eyes - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 25 mg

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory or skin sensitization

Not available.

#### **Skin**

**Conclusion/Summary [Product]** : Not available.

#### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

#### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

## Section 11. Toxicological information

### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-
Amorphous Silica	-	3	-

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Kaolin

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) (inhalation) - Category 1

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### **Long term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects



## Section 11. Toxicological information

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : Causes damage to organs through prolonged or repeated exposure.  
**Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

#### Result

Titanium Dioxide

**Acute - LC50 - Marine water**  
Fish - Mummichog - *Fundulus heteroclitus*  
>1000 mg/l [96 hours]  
Effect: Mortality

Amorphous Silica

**Acute - EC50 - Fresh water**  
ISO  
Daphnia - Water flea - *Daphnia magna* - Neonate  
Age: 2 to 26 hours  
2.2 g/l [48 hours]  
Effect: Intoxication  
**Chronic - NOEC - Fresh water**  
ISO  
Daphnia - Water flea - *Daphnia magna* - Neonate  
Age: 2 to 26 hours  
12.5 mg/l [21 days]  
Effect: Reproduction

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

## Section 12. Ecological information

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according  
to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

### U.S. Federal regulations :

#### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

#### International regulations

##### Montreal Protocol

Not listed.

##### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### International lists

: **Australia inventory (AII)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	3
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 2	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method

### History

**Date of printing** : 12/16/2025  
**Date of issue/Date of revision** : 12/16/2025  
**Date of previous issue** : 8/19/2025  
**Version** : 27.02

## Section 16. Other information

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

📌 Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
B66T1154

## Section 1. Identification

**Product name** : PRO INDUSTRIAL™ DTM Acrylic Semi-Gloss  
Ultradeep Base

**Product code** : B66T1154

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**  
Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: (800) 524-5979  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 1A

### GHS label elements

**Hazard pictograms**



**Signal word** : Danger

**Hazard statements** : May cause cancer.

### Precautionary statements

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.

**Response** : IF exposed or concerned: Get medical advice or attention.

**Storage** : Store locked up.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

## Section 2. Hazards identification

### Supplemental label elements

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure.

This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

### Hazards not otherwise classified

: None known.

### Hazards identified when used

: No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

### Substance/mixture

: Mixture

### Other means of identification

: Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Calcium Carbonate	<10	1317-65-3
Attapulgite Clay	≤1	12174-11-7
Benzophenone	≤0.3	119-61-9
Cristobalite, respirable powder	≤0.3	14464-46-1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

#### Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

#### Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

## Section 5. Fire-fighting measures

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.



## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Calcium Carbonate	1317-65-3	<b>NIOSH REL (United States, 10/2020) [calcium carbonate]</b> TWA 10 hours: 10 mg/m <sup>3</sup> . Form: Total. TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction.
Attapulgate Clay	12174-11-7	None.
Benzophenone	119-61-9	<b>OARS WEEL (United States, 9/2024)</b> TWA 8 hours: 0.5 mg/m <sup>3</sup> .
Cristobalite, respirable powder	14464-46-1	<b>ACGIH TLV (United States, 1/2024) [Silica, crystalline] A2.</b> TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form: Respirable fraction. <b>NIOSH REL (United States, 10/2020) [SILICA, CRYSTALLINE] NIA.</b> TWA 10 hours: 0.05 mg/m <sup>3</sup> . Form: respirable dust. <b>OSHA PEL (United States, 5/2018) [Silica, crystalline]</b> TWA 8 hours: 50 µg/m <sup>3</sup> . Form: Respirable dust. <b>OSHA PEL Z3 (United States, 6/2016)</b> TWA 8 hours: 250 / 2 x (%SiO <sub>2</sub> +5) mppcf. Form: Respirable. TWA 8 hours: 10 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Respirable. TWA 8 hours: 30 / 2 x (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form: Total dust.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Fibres-Natural Mineral Fibres, Attapulgate	12174-11-7	<b>CA Quebec Provincial (Canada, 2/2024) [Attapulgate] C1.</b> TWA <sub>EV</sub> 8 hours: 1 fibers/cm <sup>3</sup> . Form: RESPIRABLE FIBRES (other than respirable asbestos fibres) : Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter of less than 3 µm and a ratio of length to diameter of more than 3 : 1..
Benzophenone	119-61-9	

## Section 8. Exposure controls/personal protection

Cristobalite	14464-46-1	<p><b>CA British Columbia Provincial (Canada, 9/2024)</b> Carc 2B.</p> <p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b> TWA 8 hours: 0.05 mg/m<sup>3</sup>. Form: respirable fraction.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024) [silica, crystalline - alpha quartz and cristobalite]</b> Carc 2A, Carc 1. TWA 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 0.05 mg/m<sup>3</sup>. Form: Respirable particulate matter..</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b> TWAEV 8 hours: 0.05 mg/m<sup>3</sup>. Form: respirable aerosol fraction.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b> A2. OEL 8 hours: 0.025 mg/m<sup>3</sup>. Form: Respirable particulate.</p>
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### Occupational exposure limits (Mexico)

None.

### Biological exposure indices (United States)

No exposure indices known.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

### Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Environmental exposure controls

: **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

## Section 8. Exposure controls/personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : Various
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Lower: 0.6%  
Upper: 20.4%
- Vapor pressure** : 2.3 kPa (17.5 mm Hg)
- Relative vapor density** : 1 [Air = 1]
- Relative density** : 1.09
- Density** : 1.08 g/cm<sup>3</sup>
- Solubility(ies)** :

Media	Result
cold water	Partially soluble

- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): >20.5 mm<sup>2</sup>/s (>20.5 cSt)

## Section 9. Physical and chemical properties

**Molecular weight** : Not applicable.

### Particle characteristics

**Median particle size** : Not applicable.

**Heat of combustion** : 0.663 kJ/g

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

Benzophenone

##### **Result**

**Rat - Oral - LD50**

>10 g/kg

**Rabbit - Dermal - LD50**

3535 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

## Section 11. Toxicological information

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Attapulgate Clay	-	2B	-
Benzophenone	-	2B	-
Cristobalite, respirable powder	+	1	Known to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

Calcium Carbonate

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Benzophenone

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

Cristobalite, respirable powder

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) (inhalation) - Category 1

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

## Section 11. Toxicological information

Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### **Long term exposure**

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.  
**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### **Acute toxicity estimates**

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Benzophenone	500	3535	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

Benzophenone

#### Result

##### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas* - Larvae

Age: <24 hours

10.89 mg/l [96 hours]

Effect: Mortality

##### Chronic - NOEC - Fresh water

Fish - Fathead minnow - *Pimephales promelas* - Embryo

Age: <24 hours

1.03 mg/l [32 days]

Effect: Growth

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Benzophenone	-	12.02	Low

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 5(a)2 final significant new use rules: Sodium Nitrite

List name	Name on list	Notes
TSCA 5(a)2 - Final significant new use rules	Sodium Nitrite (Nitrites of Alkali Metals (Group IA elements))	40 CFR 721.4740

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants



## Section 15. Regulatory information

Not listed.

### International lists

: Australia inventory (AIIIC): Not determined.  
China inventory (IECSC): Not determined.  
Japan inventory (CSCL): Not determined.  
Japan inventory (ISHL): Not determined.  
Korea inventory (KECI): Not determined.  
New Zealand Inventory of Chemicals (NZIoC): Not determined.  
Philippines inventory (PICCS): Not determined.  
Taiwan Chemical Substances Inventory (TCSI): Not determined.  
Thailand inventory: Not determined.  
Turkey inventory: Not determined.  
Vietnam inventory: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	2
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 1A	Calculation method

### History

Date of printing : 12/10/2025

Date of issue/Date of revision : 12/10/2025

Date of previous issue : 11/12/2025

Version : 29

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
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IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

## Section 16. Other information

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
3210

## Section 1. Identification

**Product name** : MINWAX® Indoor/Outdoor HELMSMAN® Spar Urethane  
Semi-Gloss

**Product code** : 3210

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : MINWAX Company  
101 W. Prospect Ave  
Cleveland, Ohio 44115

**Emergency telephone number of the company** : US/Canada: (800) 424-9300  
Mexico: CHEMTREC México 800-681-9531. Available 24 hours and 365 days per year

**Product Information Telephone Number** : US/Canada: (800) 523-9299  
Mexico: 800-717-3123 / 55-5333-1501

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 3  
SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 2  
TOXIC TO REPRODUCTION - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
ASPIRATION HAZARD - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 48.1% (oral), 48.1% (dermal), 48.1% (inhalation)

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : Flammable liquid and vapor.  
May be fatal if swallowed and enters airways.  
May cause an allergic skin reaction.  
May cause drowsiness or dizziness.  
Suspected of causing cancer.  
May damage fertility or the unborn child.

## Section 2. Hazards identification

### Precautionary statements

<b>General</b>	: Keep out of reach of children. If medical advice is needed, have product container or label at hand.
<b>Prevention</b>	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing vapor.
<b>Response</b>	: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice or attention.
<b>Storage</b>	: Store locked up. Store in a well-ventilated place. Keep container tightly closed.
<b>Disposal</b>	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Supplemental label elements</b>	DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
<b>Hazards not otherwise classified</b>	: DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.
<b>Hazards identified when used</b>	: No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: Mixture
<b>Other means of identification</b>	: Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Light Aliphatic Hydrocarbon	≥25 - ≤50	64742-47-8
Fumed Amorphous Silica	≤3	112945-52-5
UV Light Absorber	≤1	104810-48-2
Hydrotreated Heavy Petroleum Naphtha	≤1	64742-48-9
Benzotriazole Hydroxyphenyl Polymer	≤1	104810-47-1
Bis(pentamethyl-4-piperidyl)sebacate	≤0.3	41556-26-7
Zirconium 2-Ethylhexanoate	≤0.3	22464-99-9
Methyl Ethyl Ketoxime	≤0.3	96-29-7
Cobalt 2-Ethylhexanoate	≤0.3	136-52-7
Med. Aliphatic Hydrocarbon Solvent	≤0.3	64742-88-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

## Section 4. First aid measures

- Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- Remark** : Flammable liquid.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

## Section 6. Accidental release measures

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not swallow. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.



## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Light Aliphatic Hydrocarbon	64742-47-8	<b>ACGIH TLV (United States, 1/2025)</b> <b>[Kerosene]</b> A3. Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapor).
Fumed Amorphous Silica	112945-52-5	<b>NIOSH REL (United States, 10/2020)</b> <b>[SILICA, AMORPHOUS]</b> NIA. TWA 10 hours: 6 mg/m <sup>3</sup> .
UV Light Absorber	104810-48-2	None.
Hydrotreated Heavy Petroleum Naphtha	64742-48-9	None.
Benzotriazole Hydroxyphenyl Polymer	104810-47-1	None.
Bis(pentamethyl-4-piperidyl)sebacate	41556-26-7	None.
Zirconium 2-Ethylhexanoate	22464-99-9	<b>ACGIH TLV (United States, 1/2025)</b> <b>[Zirconium and compounds]</b> A4. TWA 8 hours: 5 mg/m <sup>3</sup> (as Zr). STEL 15 minutes: 10 mg/m <sup>3</sup> (as Zr). <b>NIOSH REL (United States, 10/2020)</b> <b>[zirconium compounds]</b> TWA 10 hours: 5 mg/m <sup>3</sup> (as Zr). STEL 15 minutes: 10 mg/m <sup>3</sup> (as Zr). <b>OSHA PEL (United States, 5/2018)</b> <b>[Zirconium compounds]</b> TWA 8 hours: 5 mg/m <sup>3</sup> (as Zr).
Methyl Ethyl Ketoxime	96-29-7	<b>OARS WEEL (United States, 6/2025)</b> Skin sensitizer. TWA 8 hours: 10 ppm.
Cobalt 2-Ethylhexanoate	136-52-7	<b>ACGIH TLV (United States, 1/2025) [cobalt and inorganic compounds]</b> A3. Skin sensitizer, Inhalation sensitizer. TWA 8 hours: 0.02 mg/m <sup>3</sup> (as Co).
Med. Aliphatic Hydrocarbon Solvent	64742-88-7	<b>OSHA PEL (United States, 5/2018)</b> <b>[Naphtha (Coal tar)]</b> TWA 8 hours: 100 ppm. TWA 8 hours: 400 mg/m <sup>3</sup> .

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Petroleum refining, hydrotreated light distillate	64742-47-8	<b>CA British Columbia Provincial (Canada, 6/2025) [kerosene/jet fuels]</b> Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapour). Notes: Application restricted to conditions in which there are negligible aerosol exposures. <b>CA Ontario Provincial (Canada, 6/2019)</b> Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapour). <b>CA Quebec Provincial (Canada, 2/2024)</b> <b>[kerosene]</b> C3. Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> . <b>CA Alberta Provincial (Canada, 3/2023)</b> <b>[Kerosene/Jet fuels]</b> Absorbed through skin.



## Section 8. Exposure controls/personal protection

Zirconium 2-Ethylhexanoate	22464-99-9	<p>OEL 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour).</p> <p><b>CA British Columbia Provincial (Canada, 6/2025) [zirconium and compounds]</b> TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr). STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).</p> <p><b>CA Ontario Provincial (Canada, 6/2019) [Zirconium and compounds]</b> STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr). TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr).</p> <p><b>CA Quebec Provincial (Canada, 2/2024) [Zirconium and compounds]</b> TWA<sub>EV</sub> 8 hours: 5 mg/m<sup>3</sup> (as Zr). STEV 15 minutes: 10 mg/m<sup>3</sup> (as Zr).</p> <p><b>CA Alberta Provincial (Canada, 3/2023) [Zirconium and compounds]</b> OEL 8 hours: 5 mg/m<sup>3</sup> (as Zr). OEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).</p>
Methyl Ethyl Ketoxime	96-29-7	<p><b>OARS WEEL (United States, 6/2025)</b> Skin sensitizer. TWA 8 hours: 10 ppm.</p>
Cobalt 2-Ethylhexanoate	136-52-7	<p><b>CA Saskatchewan Provincial (Canada, 4/2021) [Cobalt and inorganic compounds]</b> STEL 15 minutes: 0.06 mg/m<sup>3</sup> (measured as Co). TWA 8 hours: 0.02 mg/m<sup>3</sup> (measured as Co).</p> <p><b>CA British Columbia Provincial (Canada, 6/2025) [cobalt and inorganic compounds]</b> Carc 2A. Skin sensitizer , Inhalation sensitizer. TWA 8 hours: 0.02 mg/m<sup>3</sup> (as Co). Form: inhalable.</p> <p><b>CA Ontario Provincial (Canada, 6/2019) [Cobalt and inorganic compounds]</b> TWA 8 hours: 0.02 mg/m<sup>3</sup> (as Co).</p> <p><b>CA Quebec Provincial (Canada, 2/2024) [Cobalt elemental, and inorganic compounds]</b> C3. Skin sensitizer , Inhalation sensitizer. TWA<sub>EV</sub> 8 hours: 0.02 mg/m<sup>3</sup> (as Co). Form: inhalable aerosol fraction.</p>

### Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
Light Aliphatic Hydrocarbon	64742-47-8	<p><b>ACGIH TLV (United States, 1/2025) [Kerosene]</b> A3. Absorbed through skin. TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapor).</p>
Zirconium 2-Ethylhexanoate	22464-99-9	<p><b>NOM-010-STPS-2014 (Mexico, 4/2016) [Circonio y compuestos]</b> A4. TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr). STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).</p>
Cobalt 2-Ethylhexanoate	136-52-7	<p><b>NOM-010-STPS-2014 (Mexico, 4/2016) [Cobalto y compuestos inorgánicos]</b> A3. TWA 8 hours: 0.02 mg/m<sup>3</sup> (as Co).</p>

## Section 8. Exposure controls/personal protection

### Biological exposure indices (United States)

Ingredient name	Exposure indices
Cobalt 2-Ethylhexanoate	<p><b>ACGIH BEI (United States, 1/2025) [cobalt and inorganic compounds including cobalt oxides]</b></p> <p>BEI: 15 µg/l, not combined with tungsten carbide - cobalt [in urine]. Sampling time: end of shift at end of workweek.</p> <p>BEI: Nonquantitative: Biological monitoring should be considered for this compound based on the review; however, a specific BEI® could not be determined due to insufficient data., cobalt with tungsten carbide - cobalt [in urine]. Sampling time: end of shift at end of workweek.</p>

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

Ingredient name	Exposure indices
Cobalt 2-Ethylhexanoate	<p><b>Official Mexican STANDARD NOM-047-SSA1-2011, Environmental Health-Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) [cobalto]</b></p> <p>BEI: 1 µg/l [Basal level].The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included in the valu; semi-quantitative.The biological determinant is an indicator of chemical exposure, but the quantitative interpretation of the measure is ambiguous. These biological determinants should be used as a screening test if a quantitative test is not possible.], cobalt [in blood]. Sampling time: at the end of the shift at the end of the work week.</p> <p>BEI: 15 µg/l [Basal level].The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included in the valu], cobalt [in urine]. Sampling time: at the end of the shift at the end of the work week.</p>

### Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

## Section 8. Exposure controls/personal protection

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

**Physical state** : Liquid.  
**Color** : Clear.  
**Odor** : Not available.  
**Odor threshold** : Not available.  
**pH** : Not applicable.  
**Melting point/freezing point** : Not available.  
**Boiling point or initial boiling point and boiling range** : 148°C (298.4°F)  
**Flash point** : Closed cup: 38°C (100.4°F) [Pensky-Martens Closed Cup]  
**Evaporation rate** : 0.13 (butyl acetate = 1)

## Section 9. Physical and chemical properties

<b>Flammability</b>	: Flammable liquid.
<b>Lower and upper explosion limit/flammability limit</b>	: Lower: 1% Upper: 6%
<b>Vapor pressure</b>	: 0.17 kPa (1.27 mm Hg)
<b>Relative vapor density</b>	: 5 [Air = 1]
<b>Relative density</b>	: 0.89
<b>Density</b>	: 0.89 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	:

Media	Result
cold water	Not soluble

<b>Partition coefficient: n-octanol/water</b>	: Not applicable.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): <20.5 mm <sup>2</sup> /s (<20.5 cSt)
<b>Molecular weight</b>	: Not applicable.
<b><u>Particle characteristics</u></b>	
<b>Median particle size</b>	: Not applicable.
<b>Heat of combustion</b>	: 21.051 kJ/g

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
<b>Incompatible materials</b>	: Reactive or incompatible with the following materials: oxidizing materials
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result
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## Section 11. Toxicological information

Fumed Amorphous Silica	<b>Rat - Oral - LD50</b> 3160 mg/kg
Hydrotreated Heavy Petroleum Naphtha	<b>Rat - Oral - LD50</b> >6 g/kg <b>Rat - Inhalation - LC50 Vapor</b> 8500 mg/m <sup>3</sup> [4 hours] <u>Toxic effects</u> : Lung, Thorax, or Respiration - Other changes
Zirconium 2-Ethylhexanoate	<b>Rabbit - Dermal - LD50</b> >5 g/kg <b>Rat - Oral - LD50</b> >5 g/kg <u>Toxic effects</u> : Behavioral - Somnolence (general depressed activity)
Methyl Ethyl Ketoxime	<b>Rat - Oral - LD50</b> 930 mg/kg
Cobalt 2-Ethylhexanoate	<b>Rabbit - Dermal - LD50</b> >5 g/kg <u>Toxic effects</u> : Skin After topical exposure - Primary irritation <b>Rat - Oral - LD50</b> 1.22 g/kg <u>Toxic effects</u> : Behavioral - Ataxia Behavioral - Coma

**Conclusion/Summary [Product]** : Not available.

### Skin corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

#### **Product/ingredient name**

Methyl Ethyl Ketoxime

#### **Result**

**Rabbit - Eyes - Severe irritant**

Amount/concentration applied: 100 uL

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

## Section 11. Toxicological information

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Fumed Amorphous Silica	-	3	-
Cobalt 2-Ethylhexanoate	-	2B	Reasonably anticipated to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

Light Aliphatic Hydrocarbon

Methyl Ethyl Ketoxime

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Narcotic effects) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(upper respiratory tract) - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Narcotic effects) - Category 3

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Methyl Ethyl Ketoxime

Med. Aliphatic Hydrocarbon Solvent

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED  
EXPOSURE) (blood system) - Category 2

SPECIFIC TARGET ORGAN TOXICITY (REPEATED  
EXPOSURE) - Category 1

### Aspiration hazard

#### **Product/ingredient name**

Light Aliphatic Hydrocarbon

Hydrotreated Heavy Petroleum Naphtha

Med. Aliphatic Hydrocarbon Solvent

#### **Result**

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

## Section 11. Toxicological information

- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### **Long term exposure**

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

- General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : May damage fertility or the unborn child.

### Numerical measures of toxicity

## Section 11. Toxicological information

### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Fumed Amorphous Silica	3160	N/A	N/A	N/A	N/A
Methyl Ethyl Ketoxime	100	1100	N/A	N/A	N/A
Cobalt 2-Ethylhexanoate	1220	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

#### Result

Light Aliphatic Hydrocarbon

#### Acute - LC50 - Fresh water

Fish - Bluegill - *Lepomis macrochirus*

Size: 35 to 75 mm

2200 µg/l [4 days]

Effect: Mortality

Methyl Ethyl Ketoxime

#### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*

Age: 30 days; Size: 21.2 mm; Weight: 0.148 g

843 mg/l [96 hours]

Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Hydrotreated Heavy Petroleum Naphtha	-	10 to 2500	High
Zirconium 2-Ethylhexanoate	-	2.96	Low
Methyl Ethyl Ketoxime	-	2.5 to 5.8 [OECD 305 C]	Low
Cobalt 2-Ethylhexanoate	-	15600	High

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects







No known significant effects or critical hazards.



## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT. Marine pollutant (Light Aliphatic Hydrocarbon, Bis (pentamethyl-4-piperidyl) sebacate)
Transport hazard class(es)	3 	3 	3 	3 	3  
Packing group	III	III	III	III	III
Environmental hazards	No.	No.	No.	Yes. The environmentally hazardous substance mark is not required.	Yes.
Additional information	This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials. <b>ERG No.</b>	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).	-	The environmentally hazardous substance mark may appear if required by other transportation regulations.	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. <b>Emergency schedules</b> F-E, S-E

## Section 14. Transport information

	128	<u>ERG No.</u> 128	<u>ERG No.</u> 128		
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**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** :

[California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

[International regulations](#)

[Montreal Protocol](#)

Not listed.

[Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

**International lists**

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

[Hazardous Material Information System \(U.S.A.\)](#)

Health	*	3
Flammability		2
Physical hazards		0

## Section 16. Other information

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 3	On basis of test data
SKIN SENSITIZATION - Category 1	Calculation method
CARCINOGENICITY - Category 2	Calculation method
TOXIC TO REPRODUCTION - Category 1B	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method
ASPIRATION HAZARD - Category 1	Calculation method

### History

**Date of printing** : 1/26/2026

**Date of issue/Date of revision** : 1/26/2026

**Date of previous issue** : 8/20/2025

**Version** : 39

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.



# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
3333

## Section 1. Identification

**Product name** : MINWAX® POLYCRYLIC® Water-Based Protective Finish  
Clear Satin

**Product code** : 3333

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : MINWAX Company  
101 W. Prospect Ave  
Cleveland, Ohio 44115

**Emergency telephone number of the company** : US/Canada: (800) 424-9300  
Mexico: CHEMTREC México 800-681-9531. Available 24 hours and 365 days per year

**Product Information Telephone Number** : US/Canada: (800) 523-9299  
Mexico: 800-717-3123 / 55-5333-1501

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : TOXIC TO REPRODUCTION - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 1.2% (oral), 3.5% (dermal), 5.6% (inhalation)

### GHS label elements

**Hazard pictograms**

:



**Signal word** : Danger

**Hazard statements** : May damage fertility or the unborn child.  
Causes damage to organs. (heart, kidneys, nervous system, respiratory system)

### Precautionary statements

**General** : Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

**Response** : IF exposed or concerned: Call a POISON CENTER or doctor.

## Section 2. Hazards identification

- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.
- Hazards identified when used** : No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
Butoxypropanol	≤3	5131-66-8
Ethylene Glycol	≤3	107-21-1
1-Methyl-2-Pyrrolidone	≤2.9	872-50-4
Decylpoly(ethyleneoxy)ethanol	≤2.1	9014-85-1
Fumed Amorphous Silica	≤3	112945-52-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Causes damage to organs following a single exposure if inhaled.
- Skin contact** : Causes damage to organs following a single exposure in contact with skin.
- Ingestion** : Causes damage to organs following a single exposure if swallowed.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

## Section 5. Fire-fighting measures

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
metal oxide/oxides
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.



## Section 7. Handling and storage

### Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Butoxypropanol Ethylene Glycol	5131-66-8 107-21-1	None. <b>ACGIH TLV (United States, 1/2024) A4.</b> STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Inhalable fraction. Aerosol only.. STEL 15 minutes: 50 ppm. Form: Vapor fraction. TWA 8 hours: 25 ppm. Form: Vapor fraction.
1-Methyl-2-Pyrrolidone	872-50-4	<b>OARS WEEL (United States, 9/2024)</b> Absorbed through skin. TWA 8 hours: 15 ppm. STEL 15 minutes: 120 mg/m <sup>3</sup> . STEL 15 minutes: 30 ppm. TWA 8 hours: 60 mg/m <sup>3</sup> .
Decylpoly(ethyleneoxy)ethanol Fumed Amorphous Silica	9014-85-1 112945-52-5	None. <b>NIOSH REL (United States, 10/2020) [SILICA, AMORPHOUS] NIA.</b> TWA 10 hours: 6 mg/m <sup>3</sup> .

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Ethylene glycol	107-21-1	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> CEIL: 100 mg/m <sup>3</sup> . Form: aerosol. <b>CA British Columbia Provincial (Canada, 9/2024) Notes:</b> No British Columbia exposure limit at this time for inhalable aerosol TWA 8 hours: 10 mg/m <sup>3</sup> . Form: Total, Aerosol. STEL 15 minutes: 20 mg/m <sup>3</sup> . Form: Total, Aerosol. C: 100 mg/m <sup>3</sup> . Form: Total, Aerosol. C: 50 ppm. Form: Vapour. <b>CA Ontario Provincial (Canada, 6/2019)</b> Ceiling Limit: 10 mg/m <sup>3</sup> . Form: Inhalable particulate matter, aerosol only.

## Section 8. Exposure controls/personal protection

N-Methyl pyrrolidone	872-50-4	<p>STEL 15 minutes: 50 ppm. Form: Vapour fraction.. TWA 8 hours: 25 ppm. Form: Vapour fraction.. <b>CA Quebec Provincial (Canada, 2/2024)</b> C: 50 ppm. Form: vapour and mist. C: 127 mg/m<sup>3</sup>. Form: vapour and mist. <b>CA Alberta Provincial (Canada, 3/2023)</b> C: 100 mg/m<sup>3</sup>.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 400 mg/m<sup>3</sup>.</p>
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### Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
Ethylene Glycol	107-21-1	<b>NOM-010-STPS-2014 (Mexico, 4/2016) A4.</b> CEIL: 100 mg/m <sup>3</sup> . Form: Only AEROSOL.

### Biological exposure indices (United States)

Ingredient name	Exposure indices
1-Methyl-2-Pyrrolidone	<b>ACGIH BEI (United States, 1/2024)</b> BEI: 100 mg/l, 5-hydroxy-N-methyl-2-pyrrolidone [in urine]. Sampling time: end of shift.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

Ingredient name	Exposure indices
1-Methyl-2-Pyrrolidone	<b>Official Mexican STANDARD NOM-047-SSA1-2011, Environmental Health-Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012)</b> BEI: 100 mg/L, 5-hydroxy-n-methyl-2-pyrrolidone [in urine]. Sampling time: at the end of the work shift.

### **Appropriate engineering controls**

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### **Environmental exposure controls**

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### **Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## Section 8. Exposure controls/personal protection

- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : Clear.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 8.5
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : 100°C (212°F)
- Flash point** : Closed cup: 100°C (212°F) [Pensky-Martens Closed Cup]
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Lower: 0.6%  
Upper: 20.4%
- Vapor pressure** : 2.3 kPa (17.5 mm Hg)
- Relative vapor density** : 1 [Air = 1]
- Relative density** : 1.03
- Density** : 1.02 g/cm<sup>3</sup>
- Solubility(ies)** :

Media	Result
cold water	Partially soluble

## Section 9. Physical and chemical properties

<b>Partition coefficient: n-octanol/water</b>	: Not applicable.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm <sup>2</sup> /s (>20.5 cSt)
<b>Molecular weight</b>	: Not applicable.
<b><u>Particle characteristics</u></b>	
<b>Median particle size</b>	: Not applicable.
<b>Heat of combustion</b>	: 3.898 kJ/g

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

<b>Product/ingredient name</b>	<b>Result</b>
Butoxypropanol	<b>Rabbit - Dermal - LD50</b> 3100 mg/kg
Ethylene Glycol	<b>Rat - Oral - LD50</b> 4700 mg/kg
1-Methyl-2-Pyrrolidone	<b>Rat - Oral - LD50</b> 3914 mg/kg
	<b>Rabbit - Dermal - LD50</b> 8 g/kg
Fumed Amorphous Silica	<b>Rat - Oral - LD50</b> 3160 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

<b>Product/ingredient name</b>	<b>Result</b>
Ethylene Glycol	<b>Rabbit - Skin - Mild irritant</b> <u>Amount/concentration applied</u> : 555 mg

## Section 11. Toxicological information

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

#### **Product/ingredient name**

Ethylene Glycol

#### **Result**

**Rabbit - Eyes - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

**Rabbit - Eyes - Mild irritant**

Duration of treatment/exposure: 1 hours

Amount/concentration applied: 100 mg

**Rabbit - Eyes - Moderate irritant**

Duration of treatment/exposure: 6 hours

Amount/concentration applied: 1440 mg

**Rabbit - Eyes - Moderate irritant**

Amount/concentration applied: 100 mg

1-Methyl-2-Pyrrolidone

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

<b>Product/ingredient name</b>	<b>OSHA</b>	<b>IARC</b>	<b>NTP</b>
Fumed Amorphous Silica	-	3	-

### Reproductive toxicity

## Section 11. Toxicological information

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

Ethylene Glycol

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(heart, kidneys, nervous system, respiratory system) (oral) -  
Category 1

1-Methyl-2-Pyrrolidone

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Narcotic effects) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Causes damage to organs following a single exposure if inhaled.
- Skin contact** : Causes damage to organs following a single exposure in contact with skin.
- Ingestion** : Causes damage to organs following a single exposure if swallowed.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

## Section 11. Toxicological information

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : May damage fertility or the unborn child.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
MINWAX® POLYCRYLIC® Water-Based Protective Finish	16309.5	N/A	N/A	N/A	N/A
Butoxypropanol	2500	3100	N/A	N/A	N/A
Ethylene Glycol	500	N/A	N/A	N/A	N/A
1-Methyl-2-Pyrrolidone	3914	8000	N/A	N/A	N/A
Fumed Amorphous Silica	3160	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

#### **Product/ingredient name**

Ethylene Glycol

#### **Result**

##### **Acute - LC50 - Fresh water**

Fish - Fathead minnow - *Pimephales promelas*

Age: ≤7 days

8050 mg/l [96 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

Crustaceans - Water flea - *Ceriodaphnia dubia* - Neonate

6900 mg/l [48 hours]

Effect: Mortality

1-Methyl-2-Pyrrolidone

##### **Acute - LC50 - Fresh water**

Daphnia - Water flea - *Daphnia magna*

Age: <24 hours

1.23 ppm [48 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

US EPA

Fish - Bluegill - *Lepomis macrochirus*

Weight: 1.2 g

832 ppm [96 hours]

Effect: Mortality

## Section 12. Ecological information

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Ethylene Glycol	-	-	Readily

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-



## Section 14. Transport information

Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** :

### TSCA 12(b) - Chemical export notification

Name	One time notification		Annual notification		
	4	5	5(f)	6	7
n-methylpyrrolidone	Not listed	Not listed	Not listed	Listed	Not listed

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### **International lists**

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	4
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
TOXIC TO REPRODUCTION - Category 1B	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1	Calculation method

### History

**Date of printing** : 12/30/2025

**Date of issue/Date of revision** : 12/30/2025

**Date of previous issue** : 8/19/2025

**Version** : 28.01

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs

## Section 16. Other information

obtained from any other source.

# SAFETY DATA SHEET

According to 29 CFR 1910.1200  
815000

## Section 1. Identification

**Product name** : MINWAX® Premium Tintable Oil  
Clear Tint Base

**Product code** : 815000

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**  
Paint or paint related material.

**Manufacturer** : MINWAX Company  
101 W. Prospect Ave  
Cleveland, Ohio 44115

**Emergency telephone number of the company** : US/Canada: (800) 424-9300  
Mexico: CHEMTREC México 800-681-9531. Available 24 hours and 365 days per year

**Product Information Telephone Number** : US/Canada: (800) 523-9299  
Mexico: 800-717-3123 / 55-5333-1501

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 3  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A  
TOXIC TO REPRODUCTION - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
ASPIRATION HAZARD - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 24.6% (oral), 25.8% (dermal), 25.8% (inhalation)

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : Flammable liquid and vapor.  
May be fatal if swallowed and enters airways.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.  
May damage fertility or the unborn child.

### Precautionary statements

## Section 2. Hazards identification

<b>General</b>	: Keep out of reach of children. If medical advice is needed, have product container or label at hand.
<b>Prevention</b>	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash thoroughly after handling.
<b>Response</b>	: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
<b>Storage</b>	: Store locked up. Store in a well-ventilated place. Keep container tightly closed.
<b>Disposal</b>	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Supplemental label elements</b>	<p>DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.</p> <p>This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.</p> <p>Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.</p>
<b>Hazards not otherwise classified</b>	: DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.
<b>Hazards identified when used</b>	: No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: Mixture
<b>Other means of identification</b>	: Not available.

### CAS number/other identifiers

<b>Ingredient name</b>	<b>% by weight</b>	<b>Identifiers</b>
Light Aliphatic Hydrocarbon	≥10 - ≤25	64742-47-8
Heavy Aliphatic Solvent	≤5	64742-47-8
Paraffin Oil	≤3	64742-71-8
Heavy Paraffinic Oil	≤3	64742-54-7
Hydrotreated Heavy Petroleum Naphtha	≤3	64742-48-9
Calcium 2-Ethylhexanoate	<3	136-51-6
Heavy Paraffinic Oil	≤3	64742-65-0
Xylene, mixed isomers	<1	1330-20-7
Zirconium 2-Ethylhexanoate	≤0.3	22464-99-9
2-(2-Methoxyethoxy)-ethanol	≤0.3	111-77-3
2-Ethylhexanoic Acid	≤0.3	149-57-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## Section 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- |                     |   |
|---------------------|---|
| <b>Eye contact</b>  | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.   |
| <b>Inhalation</b>   | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.                 |
| <b>Skin contact</b> | : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.   |
| <b>Ingestion</b>    | : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- |                     |  |
|---------------------|--|
| <b>Eye contact</b>  | : Causes serious eye irritation.   |
| <b>Inhalation</b>   | : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.            |
| <b>Skin contact</b> | : No known significant effects or critical hazards.  |
| <b>Ingestion</b>    | : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways. |

#### Over-exposure signs/symptoms

- |                    |   |
|--------------------|---|
| <b>Eye contact</b> | : Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness  |
| <b>Inhalation</b>  | : Adverse symptoms may include the following:<br>nausea or vomiting<br>headache<br>drowsiness/fatigue<br>dizziness/vertigo<br>unconsciousness<br>reduced fetal weight<br>increase in fetal deaths<br>skeletal malformations |

## Section 4. First aid measures

- Skin contact** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not swallow. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.



## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Light Aliphatic Hydrocarbon	64742-47-8	<b>ACGIH TLV (United States, 1/2025) [Kerosene] A3.</b> Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapor).
Heavy Aliphatic Solvent	64742-47-8	<b>ACGIH TLV (United States, 1/2025) [Kerosene] A3.</b> Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapor).
Paraffin Oil	64742-71-8	<b>ACGIH TLV (United States, 1/2025) [Mineral Oil, pure, highly and severely refined] A4.</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable fraction. <b>NIOSH REL (United States, 10/2020) [OIL MIST MINERAL]</b> TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Mist. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Mist. <b>OSHA PEL (United States, 5/2018) [Oil mist, mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> .
Heavy Paraffinic Oil	64742-54-7	<b>ACGIH TLV (United States, 1/2025) [Mineral Oil, pure, highly and severely refined] A4.</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable fraction. <b>NIOSH REL (United States, 10/2020) [OIL MIST MINERAL]</b> TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Mist. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Mist. <b>OSHA PEL (United States, 5/2018) [Oil mist, mineral]</b> TWA 8 hours: 5 mg/m <sup>3</sup> .
Hydrotreated Heavy Petroleum Naphtha	64742-48-9	None.
Calcium 2-Ethylhexanoate	136-51-6	None.
Heavy Paraffinic Oil	64742-65-0	<b>ACGIH TLV (United States, 1/2025) [Mineral Oil, pure, highly and severely refined] A4.</b> TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable fraction. <b>NIOSH REL (United States, 10/2020) [OIL MIST MINERAL]</b> TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Mist.

## Section 8. Exposure controls/personal protection

Xylene, mixed isomers	1330-20-7	<p>STEL 15 minutes: 10 mg/m<sup>3</sup>. Form: Mist.  <b>OSHA PEL (United States, 5/2018) [Oil mist, mineral]</b>  TWA 8 hours: 5 mg/m<sup>3</sup>.  <b>ACGIH TLV (United States, 1/2025) [p-xylene and mixtures containing p-xylene]</b>  A4. Ototoxicant.  TWA 8 hours: 20 ppm.  <b>OSHA PEL (United States, 5/2018) [Xylenes]</b>  TWA 8 hours: 100 ppm.  TWA 8 hours: 435 mg/m<sup>3</sup>.  <b>ACGIH TLV (United States, 1/2025) [Zirconium and compounds] A4.</b>  TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr).  STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).  <b>NIOSH REL (United States, 10/2020) [zirconium compounds]</b>  TWA 10 hours: 5 mg/m<sup>3</sup> (as Zr).  STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).  <b>OSHA PEL (United States, 5/2018) [Zirconium compounds]</b>  TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr).  None.  <b>ACGIH TLV (United States, 1/2025)</b>  TWA 8 hours: 5 mg/m<sup>3</sup>. Form: Inhalable fraction and vapor.</p>
Zirconium 2-Ethylhexanoate	22464-99-9	
2-(2-Methoxyethoxy)-ethanol 2-Ethylhexanoic Acid	111-77-3 149-57-5	

### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Petroleum refining, hydrotreated light distillate	64742-47-8	<p><b>CA British Columbia Provincial (Canada, 6/2025) [kerosene/jet fuels]</b> Absorbed through skin.  TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour). Notes: Application restricted to conditions in which there are negligible aerosol exposures.  <b>CA Ontario Provincial (Canada, 6/2019)</b> Absorbed through skin.  TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour).  <b>CA Quebec Provincial (Canada, 2/2024) [kerosene]</b> C3. Absorbed through skin.  TWAEV 8 hours: 200 mg/m<sup>3</sup>.  <b>CA Alberta Provincial (Canada, 3/2023) [Kerosene/Jet fuels]</b> Absorbed through skin.  OEL 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour).</p>
Petroleum refining, hydrotreated light distillate	64742-47-8	<p><b>CA British Columbia Provincial (Canada, 6/2025) [kerosene/jet fuels]</b> Absorbed through skin.  TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour). Notes: Application restricted to conditions in which there are negligible aerosol exposures.  <b>CA Ontario Provincial (Canada, 6/2019)</b></p>

## Section 8. Exposure controls/personal protection

Paraffin Oil	64742-71-8	<p>Absorbed through skin. TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour). <b>CA Quebec Provincial (Canada, 2/2024) [kerosene]</b> C3. Absorbed through skin. TWA 8 hours: 200 mg/m<sup>3</sup>. <b>CA Alberta Provincial (Canada, 3/2023) [Kerosene/Jet fuels]</b> Absorbed through skin. OEL 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapour). <b>CA Ontario Provincial (Canada, 6/2019) [Mineral oil, excluding metal working fluids (pure, highly and severely refined)]</b> TWA 8 hours: 5 mg/m<sup>3</sup>. Form: inhalable particulate matter. <b>CA Alberta Provincial (Canada, 3/2023) [Oil]</b> OEL 8 hours: 5 mg/m<sup>3</sup>. Form: mist. OEL 15 minutes: 10 mg/m<sup>3</sup>. Form: mist.</p>
Heavy Paraffinic Oil	64742-54-7	<p><b>CA Ontario Provincial (Canada, 6/2019) [Mineral oil, excluding metal working fluids (pure, highly and severely refined)]</b> TWA 8 hours: 5 mg/m<sup>3</sup>. Form: inhalable particulate matter. <b>CA Alberta Provincial (Canada, 3/2023) [Oil]</b> OEL 8 hours: 5 mg/m<sup>3</sup>. Form: mist. OEL 15 minutes: 10 mg/m<sup>3</sup>. Form: mist.</p>
Heavy Paraffinic Oil	64742-65-0	<p><b>CA Ontario Provincial (Canada, 6/2019) [Mineral oil, excluding metal working fluids (pure, highly and severely refined)]</b> TWA 8 hours: 5 mg/m<sup>3</sup>. Form: inhalable particulate matter. <b>CA Alberta Provincial (Canada, 3/2023) [Oil]</b> OEL 8 hours: 5 mg/m<sup>3</sup>. Form: mist. OEL 15 minutes: 10 mg/m<sup>3</sup>. Form: mist.</p>
Xylene	1330-20-7	<p><b>CA Saskatchewan Provincial (Canada, 4/2021) [Xylene]</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm. <b>CA British Columbia Provincial (Canada, 6/2025) [xylene, all isomers]</b> TWA 8 hours: 20 ppm. <b>CA Ontario Provincial (Canada, 6/2019) [Xylene (o-, m-, p-isomers)]</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm. <b>CA Quebec Provincial (Canada, 2/2024) [Xylene]</b> TWA 8 hours: 100 ppm. TWA 8 hours: 434 mg/m<sup>3</sup>. STEL 15 minutes: 150 ppm. STEL 15 minutes: 651 mg/m<sup>3</sup>. <b>CA Alberta Provincial (Canada, 3/2023) [Dimethylbenzene]</b> OEL 8 hours: 100 ppm.</p>

## Section 8. Exposure controls/personal protection

Zirconium 2-Ethylhexanoate	22464-99-9	<p>OEL 15 minutes: 651 mg/m<sup>3</sup>.  OEL 15 minutes: 150 ppm.  OEL 8 hours: 434 mg/m<sup>3</sup>.</p> <p><b>CA British Columbia Provincial (Canada, 6/2025) [zirconium and compounds]</b>  TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr).  STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).</p> <p><b>CA Ontario Provincial (Canada, 6/2019) [Zirconium and compounds]</b>  STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).  TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr).</p> <p><b>CA Quebec Provincial (Canada, 2/2024) [Zirconium and compounds]</b>  TWA<sub>EV</sub> 8 hours: 5 mg/m<sup>3</sup> (as Zr).  STEV 15 minutes: 10 mg/m<sup>3</sup> (as Zr).</p> <p><b>CA Alberta Provincial (Canada, 3/2023) [Zirconium and compounds]</b>  OEL 8 hours: 5 mg/m<sup>3</sup> (as Zr).  OEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).</p>
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### Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
Light Aliphatic Hydrocarbon	64742-47-8	<p><b>ACGIH TLV (United States, 1/2025) [Kerosene]</b> A3. Absorbed through skin.  TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapor).</p>
Heavy Aliphatic Solvent	64742-47-8	<p><b>ACGIH TLV (United States, 1/2025) [Kerosene]</b> A3. Absorbed through skin.  TWA 8 hours: 200 mg/m<sup>3</sup> (as total hydrocarbon vapor).</p>
Paraffin Oil	64742-71-8	<p><b>NOM-010-STPS-2014 (Mexico, 4/2016) [Aceite mineral puro, alta y muy alta refinación, nieblas, except fluidos de corte de metal]</b> A4.  TWA 8 hours: 5 mg/m<sup>3</sup>. Form: mist.</p>
Heavy Paraffinic Oil	64742-54-7	<p><b>NOM-010-STPS-2014 (Mexico, 4/2016) [Aceite mineral puro, alta y muy alta refinación, nieblas, except fluidos de corte de metal]</b> A4.  TWA 8 hours: 5 mg/m<sup>3</sup>. Form: mist.</p>
Heavy Paraffinic Oil	64742-65-0	<p><b>NOM-010-STPS-2014 (Mexico, 4/2016) [Aceite mineral puro, alta y muy alta refinación, nieblas, except fluidos de corte de metal]</b> A4.  TWA 8 hours: 5 mg/m<sup>3</sup>. Form: mist.</p>
Zirconium 2-Ethylhexanoate	22464-99-9	<p><b>NOM-010-STPS-2014 (Mexico, 4/2016) [Circonio y compuestos]</b> A4.  TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr).  STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).</p>
2-Ethylhexanoic Acid	149-57-5	<p><b>NOM-010-STPS-2014 (Mexico, 4/2016)</b>  TWA 8 hours: 5 mg/m<sup>3</sup>. Form: Inhalable fraction and vapor.</p>

### Biological exposure indices (United States)

## Section 8. Exposure controls/personal protection

Ingredient name	Exposure indices
Xylene, mixed isomers	<b>ACGIH BEI (United States, 1/2025) [xylenes (technical or commercial grades)]</b> BEI: 0.3 g/g creatinine, methylhippuric acids [in urine]. Sampling time: end of shift.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

No exposure indices known.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : **This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.**  
 Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

Physical state	: Liquid.
Color	: Clear.
Odor	: Not available.
Odor threshold	: Not available.
pH	: Not applicable.
Melting point/freezing point	: Not available.
Boiling point or initial boiling point and boiling range	: 148°C (298.4°F)
Flash point	: Closed cup: 52°C (125.6°F) [Pensky-Martens Closed Cup]
Evaporation rate	: 0.2 (butyl acetate = 1)
Flammability	: Not available.
Lower and upper explosion limit/flammability limit	: Lower: 1% Upper: 9.8%
Vapor pressure	: 0.66 kPa (4.952 mm Hg)
Relative vapor density	: 4.8 [Air = 1]
Relative density	: 0.91
Density	: 0.91 g/cm <sup>3</sup>
Solubility(ies)	:

Media	Result
cold water	Not soluble

Partition coefficient: n-octanol/water	: Not applicable.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): <20.5 mm <sup>2</sup> /s (<20.5 cSt)
Molecular weight	: Not applicable.
<u>Particle characteristics</u>	
Median particle size	: Not applicable.
Heat of combustion	: 13.581 kJ/g

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

## Section 10. Stability and reactivity

**Incompatible materials** : Reactive or incompatible with the following materials:  
oxidizing materials

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

##### **Result**

Hydrotreated Heavy Petroleum Naphtha

**Rat - Oral - LD50**

>6 g/kg

**Rat - Inhalation - LC50 Vapor**

8500 mg/m<sup>3</sup> [4 hours]

Toxic effects: Lung, Thorax, or Respiration - Other changes

Heavy Paraffinic Oil

**Rabbit - Dermal - LD50**

>5000 mg/kg

**Rat - Oral - LD50**

>5000 mg/kg

Xylene, mixed isomers

**Rat - Oral - LD50**

4300 mg/kg

Toxic effects: Liver - Other changes Kidney, Ureter, and Bladder - Other changes

**Rat - Inhalation - LC50 Gas.**

6700 ppm [4 hours]

Toxic effects: Behavioral - Somnolence (general depressed activity)

Zirconium 2-Ethylhexanoate

**Rabbit - Dermal - LD50**

>5 g/kg

**Rat - Oral - LD50**

>5 g/kg

Toxic effects: Behavioral - Somnolence (general depressed activity)

2-Ethylhexanoic Acid

**Rat - Oral - LD50**

1600 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

##### **Result**

Xylene, mixed isomers

**Rat - Skin - Mild irritant**

Duration of treatment/exposure: 8 hours

Amount/concentration applied: 60 uL

**Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

**Rabbit - Skin - Moderate irritant**

Amount/concentration applied: 100 %

2-Ethylhexanoic Acid

**Rabbit - Skin - Mild irritant**

Amount/concentration applied: 450 mg

**Conclusion/Summary [Product]** : Not available.

## Section 11. Toxicological information

### Serious eye damage/eye irritation

#### Product/ingredient name

Xylene, mixed isomers

#### Result

**Rabbit - Eyes - Mild irritant**

Amount/concentration applied: 87 mg

**Rabbit - Eyes - Severe irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 5 mg

**Rabbit - Eyes - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

**Rabbit - Eyes - Moderate irritant**

Amount/concentration applied: 500 mg

**Rabbit - Eyes - Severe irritant**

Amount/concentration applied: 20 mg

2-(2-Methoxyethoxy)-ethanol

2-Ethylhexanoic Acid

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Xylene, mixed isomers	-	3	-

### Reproductive toxicity



## Section 11. Toxicological information

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

Light Aliphatic Hydrocarbon

Heavy Aliphatic Solvent

Xylene, mixed isomers

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Narcotic effects) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Narcotic effects) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Respiratory tract irritation) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Narcotic effects) - Category 3

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

Xylene, mixed isomers

#### **Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

### Aspiration hazard

#### **Product/ingredient name**

Light Aliphatic Hydrocarbon

Heavy Aliphatic Solvent

Paraffin Oil

Heavy Paraffinic Oil

Hydrotreated Heavy Petroleum Naphtha

Heavy Paraffinic Oil

Xylene, mixed isomers

#### **Result**

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

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ASPIRATION HAZARD - Category 1

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ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

#### **Eye contact**

: Causes serious eye irritation.

#### **Inhalation**

: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

#### **Skin contact**

: No known significant effects or critical hazards.

#### **Ingestion**

: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

### Symptoms related to the physical, chemical and toxicological characteristics

#### **Eye contact**

: Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

## Section 11. Toxicological information

- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : May damage fertility or the unborn child.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
MINWAX® Premium Tintable Oil	30295.0	N/A	N/A	N/A	N/A
Calcium 2-Ethylhexanoate	500	N/A	N/A	N/A	N/A
Xylene, mixed isomers	4300	2500	N/A	N/A	N/A
2-Ethylhexanoic Acid	1600	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

#### **Product/ingredient name**

#### **Result**

Light Aliphatic Hydrocarbon

#### **Acute - LC50 - Fresh water**

Fish - Bluegill - *Lepomis macrochirus*

Size: 35 to 75 mm

2200 µg/l [4 days]

Effect: Mortality

Heavy Aliphatic Solvent

#### **Acute - LC50 - Fresh water**

Fish - Bluegill - *Lepomis macrochirus*

Size: 35 to 75 mm

2200 µg/l [4 days]

Effect: Mortality

Xylene, mixed isomers

#### **Acute - LC50 - Marine water**

Crustaceans - Daggerblade grass shrimp - *Palaemon pugio*

8500 µg/l [48 hours]

Effect: Mortality

#### **Acute - LC50 - Fresh water**

Fish - Fathead minnow - *Pimephales promelas*

Age: 31 days; Size: 18.4 mm; Weight: 0.077 g

13.4 mg/l [96 hours]

Effect: Mortality

2-(2-Methoxyethoxy)-ethanol

#### **Acute - EC50 - Fresh water**

US EPA

Daphnia - Water flea - *Daphnia magna*

Age: <24 hours

>930 ppm [48 hours]

Effect: Intoxication

#### **Acute - LC50 - Fresh water**

Fish - Bluegill - *Lepomis macrochirus*

7500 ppm [96 hours]

Effect: Mortality

2-Ethylhexanoic Acid

#### **Acute - EC50 - Fresh water**

US EPA, ASTM

Daphnia - Water flea - *Daphnia magna* - Neonate

Age: <24 hours

106 mg/l [48 hours]

Effect: Intoxication

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Xylene, mixed isomers	-	-	Readily

### Bioaccumulative potential

## Section 12. Ecological information

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Hydrotreated Heavy Petroleum Naphtha	-	10 to 2500	High
Calcium 2-Ethylhexanoate	-	2.96	Low
Xylene, mixed isomers	-	8.1 to 25.9	Low
Zirconium 2-Ethylhexanoate	-	2.96	Low

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

## Section 14. Transport information

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**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : **TSCA 5(a)2 final significant new use rules:** Carbamic acid, 1,3,5-triazine-2,4,6-triyltri-, mixed butyl and methyl triesters

<a href="#">List name</a>	<a href="#">Name on list</a>	<a href="#">Notes</a>
TSCA 5(a)2 - Final significant new use rules	Tris carbamoyl triazine (generic)	40 CFR 721.9719

**TSCA 5(e) substance consent order:** Carbamic acid, 1,3,5-triazine-2,4,6-triyltri-, mixed butyl and methyl triesters

<a href="#">List name</a>	<a href="#">Name on list</a>	<a href="#">Notes</a>
TSCA 5(e) - Substances consent order	Carbamic acid, N,N', N''-1,3,5-triazine-2,4,6-triyltris-, mixed Bu and Me triesters	

### [California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### [International regulations](#)

#### [Montreal Protocol](#)

Not listed.

#### [Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

### [International lists](#)

: **Australia inventory (AIIIC):** Not determined.  
**China inventory (IECSC):** Not determined.  
**Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**Korea inventory (KECI):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** Not determined.  
**Taiwan Chemical Substances Inventory (TCSI):** Not determined.  
**Thailand inventory:** Not determined.  
**Turkey inventory:** Not determined.

## Section 15. Regulatory information

Vietnam inventory: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	3
Flammability		2
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 3	On basis of test data
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method
TOXIC TO REPRODUCTION - Category 1B	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method
ASPIRATION HAZARD - Category 1	Calculation method

### History

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**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements

## Section 16. Other information

are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

## **SURFACE PREPARATION SUMMARY GUIDE**

### **PROTECTION OF SURFACES NOT SCHEDULED TO BE COATED**

- A. Protect surrounding areas and surfaces not scheduled to be coated from damage during surface preparation and application of coatings.
- B. Immediately remove coatings that fall on surrounding areas and surfaces not scheduled to be coated.

### **SURFACE PREPARATION OF STEEL**

- A. Prepare steel surfaces in accordance with manufacturer's instructions.
- B. Fabrication Defects:
  - 1. Correct steel and fabrication defects revealed by surface preparation.
  - 2. Remove weld spatter and slag.
  - 3. Round sharp edges and corners of welds to a smooth contour.
  - 4. Smooth weld undercuts and recesses.
  - 5. Grind down porous welds to pinhole-free metal.
  - 6. Remove weld flux from surface.
- C. Ensure surfaces are dry.
- D. Immersion or Below Grade Surfaces: Remove visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter in accordance with SSPCSP 10/NACE 2. Create a surface profile as specified in Part 2 or as required by the coating manufacturer.
- E. Exterior Exposed or Interior Exposed Surfaces: Remove visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter in accordance with SSPC-SP 6/NACE 3. Create a surface profile as specified in Part 2 or as required by the coating manufacturer.
- F. Abrasive Blast-Cleaned Surfaces: Coat abrasive blast-cleaned surfaces with primer before visible rust forms on surface. Do not leave blast-cleaned surfaces uncoated for more than 8 hours.
- G. Shop Primer: Shop primed steel shall receive a field sweep blast prior to the application of subsequent coats. Prepare shop primer to receive field coat in accordance with manufacturer's instructions. Removal all unknown shop primers and re-prime in accordance with this specification.

### **SURFACE PREPARATION OF GALVANIZED STEEL AND NONFERROUS METAL**



## **SURFACE PREPARATION SUMMARY GUIDE**

- A. Prepare galvanized steel and nonferrous metal surfaces in accordance with SSPC-SP16 and the coating manufacturer's instructions.
- B. Test galvanized surfaces for chromate treatments and remove as required by SSPC-SP 16, or other Engineer approved method.
- C. Ensure surfaces are dry.

## **SURFACE PREPARATION OF DUCTILE OR CAST IRON**

- A. Prepare ductile or cast iron surfaces in accordance with NAPF 500-03-04 Abrasive Blast Cleaning with the exception that ALL rust and mold coating be removed. Only tightly adherent annealing oxide may remain. Bituminous coated pipe shall NOT be allowed if field painting is required.
- B. Bituminous coated pipe shall NOT be allowed if field painting is required.
- C. Ensure surfaces are clean, dry, and free of oil, grease, dirt, dust, and other contaminants.

## **SURFACE PREPARATION OF PVC**

- A. Prepare PVC surfaces in accordance with manufacturer's instructions.
- B. Ensure surfaces are clean, dry, and free of oil, grease, dirt, dust, and other contaminants.
- C. Scarify PVC surfaces.

## **SURFACE PREPARATION OF INSULATED PIPE**

- A. Prepare insulated pipe surfaces in accordance with manufacturer's instructions.
- B. Ensure surfaces are clean, dry, and free of oil, grease, dirt, dust, and other contaminants.

## **SURFACE PREPARATION OF CONCRETE**

- A. Interior, Wet Substrate:
  - 1. Prepare concrete surfaces in accordance with manufacturer's instructions, SSPCSP 13/NACE 6, and ICRI 310.2.
  - 2. Allow concrete to cure for a minimum of 28 days.
  - 3. Test concrete for moisture in accordance with ASTM D 4263 and, if necessary, F 1869.

## **SURFACE PREPARATION SUMMARY GUIDE**

4. Abrasive blast surface to remove laitance and solid contaminants and to provide clean, sound substrate with uniform anchor profile.
  5. Verify that the pH of the cleaned concrete surfaces to be coated is within the range of 8 to 11. Application of coating materials outside this range will not be permitted without written approval from the Engineer.
  6. Fill holes, pits, voids, and cracks with manufacturer approved surfacer.
  7. Ensure surfaces are clean, dry, and free of oil, grease, chalk, form release agents, and other contaminants.
- B. Exterior and Interior Dry:
1. Prepare concrete surfaces in accordance with manufacturer's instructions, SSPCSP 13/NACE 6, and ICRI 310.2.
  2. Allow concrete to cure for a minimum of 28 days.
  3. Test concrete for moisture in accordance with ASTM D 4263 and, if necessary, F 1869.
  4. Level concrete protrusions and mortar spatter.
  5. Verify that the pH of the cleaned concrete surfaces to be coated is within the range of 8 to 11. Application of coating materials outside this range will not be permitted without written approval from the Engineer.
  6. Fill hairline cracks less than 1/64 inch (0.4 mm) in accordance with manufacturer's instructions.
  7. Prepare cracks wider than 1/64 inch (0.4 mm), moving cracks, gaps, and expansion joints in accordance with manufacturer's instructions.
  8. Ensure surfaces are clean, dry, and free of oil, grease, chalk, form release agents, and other contaminants.

## **SURFACE PREPARATION OF CONCRETE FLOORS**

- A. Prepare concrete surfaces in accordance with manufacturer's instructions, SSPC-SP 13/NACE 6, and ICRI 310.2.
- B. Ensure surfaces are clean, dry, and free of oil, grease, dirt, dust, and other contaminants.
- C. Allow concrete to cure for a minimum of 28 days before coating.
- D. Test concrete for moisture in accordance with ASTM D 4263 and, if necessary, F 1869.
- E. Verify that the pH of the cleaned concrete surfaces to be coated is within the range of 8 to 11. Application of coating materials outside this range will not be permitted without written approval from the Engineer.

## **SURFACE PREPARATION SUMMARY GUIDE**

### **SURFACE PREPARATION OF SECONDARY CONTAINMENT**

- A. Prepare secondary containment surfaces in accordance with manufacturer's instructions.
- B. Prepare concrete surfaces in accordance with manufacturer's instructions, SSPC-SP 13/NACE 6, and ICRI 310.2.
- C. Ensure surfaces are clean, dry, and free of oil, grease, dirt, dust, and other contaminants.
- D. Allow concrete to cure for a minimum of 28 days before coating.
- F. Test concrete for moisture in accordance with ASTM D 4263 and, if necessary, F 1869.
- G. Verify that the pH of the cleaned concrete surfaces to be coated is within the range of 8 to 11. Application of coating materials outside this range will not be permitted without written approval from the Engineer.

### **SURFACE PREPARATION OF POROUS CONCRETE MASONRY UNITS**

- A. Prepare porous concrete masonry unit surfaces in accordance with manufacturer's instructions and SSPC-SP 13/NACE 6.
- B. Ensure surfaces are clean, dry, and free of oil, grease, dirt, dust, and other contaminants.
- C. Allow mortar to cure for a minimum of 28 days before coating.
- D. Level protrusions and mortar spatter.

### **SURFACE PREPARATION OF PLASTER**

- A. Prepare plaster surfaces in accordance with manufacturer's instructions.
- B. Ensure surfaces are clean, dry, and free of oil, grease, dirt, dust, and other contaminants.
- C. Allow plaster to cure and dry out for a minimum of 28 days before coating.
- D. Do not coat over plaster containing free water, lime, or other soluble alkaline salts.
- E. Remove plaster nibs and other protrusions.
- F. Patch voids and cracks with approved materials and after dry, sand flush with surface.

## **SURFACE PREPARATION SUMMARY GUIDE**

### **SURFACE PREPARATION OF GYPSUM BOARD**

- A. Prepare gypsum board surfaces in accordance with manufacturer's instructions.
- B. Ensure surfaces are clean, dry, and free of oil, grease, dirt, dust, and other contaminants.
- C. Sand joint compound smooth and feather edge.
- D. Avoid heavy sanding of adjacent gypsum board surfaces, which will raise nap of paper covering.
- E. Do not apply putty, patching pencils, caulking, or masking tape to drywall surfaces to be painted.
- F. Lightly scuff-sand tape joints after priming to remove raised paper nap. Do not sand through primer.

### **SURFACE PREPARATION OF WOOD**

- A. Prepare wood surfaces in accordance with manufacturer's instructions.
- B. Ensure surfaces are clean, dry, and free of oil, grease, dirt, dust, surface deposits of sap or pitch, and other contaminants.
- C. Seal knots and pitch pockets.
- D. Sand rough spots with the grain.
- E. Fill cracks and holes with approved materials after primer is dry. Sand flush with surface when filler is hard.
- F. Lightly sand between coats.



## Protective & Marine Coatings

# CARE & MAINTENANCE HIGH-PERFORMANCE COATING SYSTEMS

### Consideration:

It is important to establish proper procedures to clean and maintain all coatings. Efforts should be made to limit exposure of contaminants and environmental conditions that will damage the film. If contaminants remain on the surface, damage will progress at a greater rate than if the surface is regularly cleaned. Likewise, prolonged exposure to adverse conditions (excessive heat, immersion, heavy abrasion, tensile stress and compression, etc.) will also reduce the service life of the coating.

### Curing Requirements:

Cleaning procedures shall not be performed for at least 14 days following full cure of coating film. If applied at temperatures under 50°F, cleaning shall not be performed for at least 28 days following full cure of coating film. Application methods shall include efforts to provide a suitable environment during curing stages.

### Recommendations for maintaining high-performance coatings:

***Note:** The frequency of maintenance is dependent on the amount of contamination that accumulates on the coating film. Dirt, dust and other contaminants left on the film will dull the finish. Liquids and biological matter may stain, discolor and damage the finish. Exterior applications may increase the potential for exposure to environmental chemicals such as chlorides, acids, hydrocarbon gas, biologicals, etc., which will damage the coating film over time.*

1. The coating film must be wiped regularly with soft cloths to pick up fine abrasives and resist staining from dirt and dust. Stiff brushes, harsh cloth materials and abrasives may scratch and reduce the sheen of the coating.
2. As the film becomes soiled, it should be wiped and/or scrubbed with an appropriate cleaning solvent and properly rinsed. Each cleaning procedure should begin with clean, potable water and progress to other solvents as required per the contaminating material. Avoid cleaners containing alcohol, chlorine or hydrogen peroxide when cleaning water-based paints. Always test cleaning procedures and solvents on a small, inconspicuous area prior to use. If the results of the test are undesirable, consider alternate methods or cleaners.
3. Remove spilled materials immediately before they have a chance to soften or damage the finish. Spills of caustics, acids, solvents or other harsh liquids that are allowed to remain on the film may soften, discolor or completely remove the coatings. Biological materials (mold, excrement, insect nests, etc.) may contain acids and could have a similar effect.
4. If stains do occur, begin removal with a mild solution. Progress to stronger cleaners or removers if necessary. Stronger solutions may dull the film. Inks, dyes and stains-which are result of a chemical attack or reaction, including tire stains, may never be completely removed without removing a portion of the film.
5. If caustic cleaning solutions or solvents are required to remove the stain, the finish may become dull. For this reason, aggressive cleaners should be removed promptly and rinsed to avoid prolonged exposure.
6. Exposure to excessive or prolonged heat will discolor or damage the coating film and should be avoided. Do not expose the film to open flame or temperatures in excess of 200°F.
7. For coatings that are not intended for immersion conditions, standing water must be removed to prevent softening of the coating film. Long-term or repeated exposure to high moisture or immersion conditions will reduce the service life of the coating film. Do not place materials that hold or trap water on the coating film, as this will reflect immersion conditions and create the potential for failure.
8. Excessive abrasion of the surface will result in damage to the coating film. Do not affix hangers or hard surfaces to the coating film as movement could potentially damage the film over time.

continued on back



## Protective & Marine Coatings

# CARE & MAINTENANCE HIGH-PERFORMANCE COATING SYSTEMS

9. Rusted metals may stain the coating film and should not be placed in contact with the coating. Rust-bleed should be removed immediately to reduce the potential for staining.
10. Repair gouges and scratches as soon as possible. If primer or intermediate coatings become exposed, repair the finish coating as soon as possible as per the manufacturer's recommendations to prevent chalking of the underlying film which could cause the top coat to delaminate. If the substrate becomes exposed, repair using all layers of the coatings system whenever possible as per the manufacturer's recommendation to protect the substrate and prevent corrosion of the substrate. If repair of the full system is not possible, consult a Sherwin-Williams Protective & Marine Coatings representative for a recommendation.
11. Over time, over-coating or removal and recoating will be required to protect the substrate. If excessive wear of the coating film is noted, consult a Sherwin-Williams Protective & Marine Coatings representative to assist in determining the best options.

### Cautions:

1. Thoroughly read and understand all the label cautions prior to using any cleaner.
2. Be sure that the cleaner is appropriate for the dirt/contamination.
3. Do not mix together any cleaning compounds containing bleach and ammonia.
4. Abrasive cleansers may damage a paint film, use very carefully.

### WARNING:

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at: 1-800-424-LEAD (in US) or contact your local health authority.

### Disclaimer:

The information and recommendations set forth in this Care & Maintenance Guide are based upon industry recognized principles and procedures. Such information and recommendations set forth herein are subject to change and pertain to information offered at the time of publication. Consult your Sherwin-Williams Protective & Marine Coatings representative for further recommendations and consultation.