

SAFETY DATA SHEET

Revision date 06-Feb-2025

Version 86

Supersedes Date: 06-Feb-2025

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Code PMA0507

Product Name OFF WHITE BACKER

Other means of identification

No information available

Recommended use of the chemical and restrictions on use

Paint, Coatings

Details of the supplier of the safety data sheet

See section 16 for more information

The Sherwin-Williams Company
101 W. Prospect Avenue
Cleveland, OH 44115

E-mail address msds@valspar.com

Emergency telephone number

United States of America 1-888-345-5732

Section 2: HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1
Flammable liquids	Category 3

Label elements



Signal word

DANGER

HAZARD STATEMENTS

Flammable liquid and vapor
Causes skin irritation
Causes serious eye irritation
Suspected of causing cancer
Suspected of damaging fertility or the unborn child

Causes damage to organs through prolonged or repeated exposure

PREVENTION

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ ventilating/ lighting/ equipment.

RESPONSE

IF exposed or concerned: Get medical advice/attention.

Eyes

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/attention.

Skin

If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

Inhalation

IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Fire

In case of fire: Use CO₂, dry chemical, or foam for extinction.

STORAGE

Store locked up. Store in a well-ventilated place. Keep cool.

DISPOSAL

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

No information available.

OTHER HAZARDS

Not applicable.

UNKNOWN ACUTE TOXICITY

22.4893% of the mixture consists of ingredient(s) of unknown toxicity

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Polyester resin	27026-61-5	25 - 50
2-Butoxyethanol	111-76-2	10 - 25
Titanium dioxide	13463-67-7	10 - 25
Formaldehyde-melamine polymer, methylated	68002-20-0	10 - 25
Proprietary Inert	Proprietary	5 - 10
1-Butanol	71-36-3	3 - 5
Solvent naphtha, petroleum, light aromatic	64742-95-6	3 - 5
Benzene, trimethyl-	25551-13-7	1 - 3
Xylenes	1330-20-7	1 - 3
Proprietary Inert	Proprietary	0.3 - 1
1,2,4-Trimethylbenzene	95-63-6	0.3 - 1
1,3,5-Trimethylbenzene	108-67-8	0.3 - 1
Aluminum hydroxide (Al(OH) ₃)	21645-51-2	0.3 - 1
Kaolin	1332-58-7	0.3 - 1
Ethyl acrylate and 2-ethylhexyl acrylate copolymer	26376-86-3	0.3 - 1
C.I. Pigment Blue 28	1345-16-0	0.1 - 0.3
2-Amino-2-methyl-1-propanol	124-68-5	0.1 - 0.3

Ethylbenzene	100-41-4	0.1 - 0.3
Cumene	98-82-8	0.1 - 0.3
1,2,3-Trimethylbenzene	526-73-8	0.1 - 0.3
Polyethylene	9002-88-4	0.1 - 0.3
Paraffin waxes and Hydrocarbon waxes	8002-74-2	0.1 - 0.3
p-Toluenesulfonic acid	104-15-4	0.1 - 0.3
Methyl alcohol	67-56-1	0.1 - 0.3
Polyester Resin	96591-30-9	100 ppm - <0.1%
Magnesium carbonate	546-93-0	100 ppm - <0.1%
Dolomite (CaMg(CO ₃) ₂)	16389-88-1	100 ppm - <0.1%
Chlorite-group minerals	1318-59-8	100 ppm - <0.1%
Diacetone alcohol	123-42-2	100 ppm - <0.1%
Isopropyl alcohol	67-63-0	100 ppm - <0.1%
Stannane, butylhydroxyoxo-	2273-43-0	100 ppm - <0.1%
Crystalline Silica, non-respirable	14808-60-7	100 ppm - <0.1%
Solvent naphtha, petroleum, heavy aromatic	64742-94-5	100 ppm - <0.1%
Quartz	14808-60-7	100 ppm - <0.1%
Water	7732-18-5	100 ppm - <0.1%
Formaldehyde	50-00-0	100 ppm - <0.1%
Propanol, 2-(methylamino)-2-methyl-	27646-80-6	100 ppm - <0.1%
Triethylene glycol monobutyl ether	143-22-6	100 ppm - <0.1%
Ethylene glycol	107-21-1	100 ppm - <0.1%
Diethylene glycol monomethyl ether	111-77-3	100 ppm - <0.1%
Diethylene glycol monoethyl ether	111-90-0	100 ppm - <0.1%
Diethylene glycol monobutyl ether	112-34-5	100 ppm - <0.1%
Naphthalene	91-20-3	10 - <90 ppm
2-Butanol	78-92-2	10 - <90 ppm
Silane, dichlorodimethyl-, reaction products with silica	68611-44-9	10 - <90 ppm
Non-Hazardous Polymer	UNKNOWN	10 - <90 ppm
n-Butyl acetate	123-86-4	10 - <90 ppm
Toluene	108-88-3	10 - <90 ppm
POLYAMINE POLYESTER POLYMER	UNKNOWN	10 - <90 ppm
NICKEL-COBALT COMPOUND	UNKNOWN	1 - 10 ppm
Benzene	71-43-2	1 - 10 ppm
Sulfuric acid	7664-93-9	1 - 10 ppm
Ethyl acrylate	140-88-5	1 - 10 ppm
2-Ethylhexyl acrylate	103-11-7	1 - 10 ppm
Proprietary Inert	Proprietary	100 ppb - 1 ppm
C.I. Pigment Yellow 119	68187-51-9	100 ppb - 1 ppm
Iron oxide (Fe ₂ O ₃)	1309-37-1	100 ppb - 1 ppm
Dibutyltin oxide	818-08-6	100 ppb - 1 ppm
Propylene glycol monomethyl ether acetate	108-65-6	100 ppb - 1 ppm
High Solids Polyester	96591-30-9	100 ppb - 1 ppm
Carbon black	1333-86-4	100 ppb - 1 ppm
UNKNOWN NON-HAZARDOUS MATERIAL	UNKNOWN	10 - 100 ppb
PHOSPHORIC ACID POLYESTER	UNKNOWN	10 - 100 ppb
POLYMERIC POLYESTER-POLYAMINE	UNKNOWN	1 - 10 ppb
Manganese	7439-96-5	1 - 10 ppb
Proprietary Inert	Proprietary	1 - 10 ppb
PHTHALOCYANINE DERIVATIVE	UNKNOWN	1 - 10 ppb
2-Methoxypropyl-1-acetate	70657-70-4	1 - 10 ppb
Phosphoric acid	7664-38-2	100 ppt - 1 ppb

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: FIRST AID MEASURES

Description of first aid measures

General advice

IF exposed or concerned: Get medical advice/attention.

Eye contact

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/attention.

Skin Contact

If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

Inhalation

IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES**Suitable extinguishing media**

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Not to be used for safety reasons:

Strong water jet

Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

For emergency responders

Use personal protection recommended in Section 8.

Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

General Hygiene Considerations

Avoid contact with skin, eyes or clothing. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep tightly closed in a dry and cool place.

Incompatible materials

Strong oxidizing agents. Alkali.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust	IDLH: 5000 mg/m ³
Proprietary Inert	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	TWA: 20 mppcf if 1% Quartz or more; use Quartz limit	IDLH: 1000 mg/m ³ TWA: 2 mg/m ³ containing no Asbestos and <1% Quartz respirable dust
1-Butanol 71-36-3	TWA: 20 ppm	TWA: 100 ppm TWA: 300 mg/m ³	IDLH: 1400 ppm Ceiling: 50 ppm Ceiling: 150 mg/m ³
Benzene, trimethyl- 25551-13-7	TWA: 25 ppm		
Xylenes 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³	
Proprietary Inert		TWA: 20 mppcf TWA: (80)/(% SiO ₂) mg/m ³ TWA	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³
1,2,4-Trimethylbenzene 95-63-6	TWA: 25 ppm		TWA: 25 ppm TWA: 125 mg/m ³
1,3,5-Trimethylbenzene 108-67-8	TWA: 25 ppm		TWA: 25 ppm TWA: 125 mg/m ³
Aluminum hydroxide (Al(OH) ₃) 21645-51-2	TWA: 1 mg/m ³ respirable particulate matter		
Kaolin 1332-58-7	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust

C.I. Pigment Blue 28 1345-16-0	TWA: 0.02 mg/m ³ Co TWA: 1 mg/m ³ respirable particulate matter		
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m ³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³
Cumene 98-82-8	TWA: 50 ppm	TWA: 50 ppm TWA: 245 mg/m ³ S*	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m ³
1,2,3-Trimethylbenzene 526-73-8	TWA: 25 ppm		TWA: 25 ppm TWA: 125 mg/m ³
Paraffin waxes and Hydrocarbon waxes 8002-74-2	TWA: 2 mg/m ³ fume		TWA: 2 mg/m ³ fume
Methyl alcohol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	TWA: 200 ppm TWA: 260 mg/m ³	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm STEL: 325 mg/m ³
Magnesium carbonate 546-93-0		TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Diacetone alcohol 123-42-2	TWA: 50 ppm	TWA: 50 ppm TWA: 240 mg/m ³	IDLH: 1800 ppm TWA: 50 ppm TWA: 240 mg/m ³
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³
Crystalline Silica, non-respirable 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 µg/m ³ TWA: (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction TWA: (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
Quartz 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 µg/m ³ TWA: (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction TWA: (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
Formaldehyde 50-00-0	Ceiling: 0.3 ppm	TWA: 0.75 ppm STEL: 2 ppm see 29 CFR 1910.1048	IDLH: 20 ppm Ceiling: 0.1 ppm 15 min TWA: 0.016 ppm
Ethylene glycol 107-21-1	Ceiling: 100 mg/m ³ aerosol only		
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm inhalable fraction and vapor		
Naphthalene 91-20-3	TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m ³	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m ³ STEL: 15 ppm STEL: 75 mg/m ³
2-Butanol 78-92-2	TWA: 100 ppm	TWA: 150 ppm TWA: 450 mg/m ³	IDLH: 2000 ppm TWA: 100 ppm TWA: 305 mg/m ³ STEL: 150 ppm STEL: 455 mg/m ³
n-Butyl acetate 123-86-4	STEL: 150 ppm TWA: 50 ppm	TWA: 150 ppm TWA: 710 mg/m ³	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³
Toluene 108-88-3	TWA: 20 ppm	TWA: 200 ppm Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³
Benzene 71-43-2	STEL: 2.5 ppm TWA: 0.5 ppm S*	TWA: 10 ppm applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028 TWA: 1 ppm	IDLH: 500 ppm TWA: 0.1 ppm STEL: 1 ppm

		Ceiling: 25 ppm STEL: 5 ppm see 29 CFR 1910.1028	
Sulfuric acid 7664-93-9	TWA: 0.2 mg/m ³ thoracic particulate matter	TWA: 1 mg/m ³	IDLH: 15 mg/m ³ TWA: 1 mg/m ³
Ethyl acrylate 140-88-5	STEL: 15 ppm TWA: 5 ppm	TWA: 25 ppm TWA: 100 mg/m ³ S*	IDLH: 300 ppm
Proprietary Inert		TWA: 20 mppcf (80)/(% SiO ₂) mg/m ³ TWA	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³
Iron oxide (Fe ₂ O ₃) 1309-37-1	TWA: 5 mg/m ³ respirable particulate matter	TWA: 10 mg/m ³ fume TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction	IDLH: 2500 mg/m ³ Fe dust and fume TWA: 5 mg/m ³ Fe dust and fume
Dibutyltin oxide 818-08-6	STEL: 0.2 mg/m ³ Sn TWA: 0.1 mg/m ³ Sn S*	TWA: 0.1 mg/m ³ Sn	IDLH: 25 mg/m ³ Sn TWA: 0.1 mg/m ³ except Cyhexatin Sn
Carbon black 1333-86-4	TWA: 3 mg/m ³ inhalable particulate matter	TWA: 3.5 mg/m ³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Manganese 7439-96-5	TWA: 0.02 mg/m ³ respirable particulate matter TWA: 0.1 mg/m ³ inhalable particulate matter	Ceiling: 5 mg/m ³ fume	IDLH: 500 mg/m ³ TWA: 1 mg/m ³ fume STEL: 3 mg/m ³
Proprietary Inert	TWA: 1 mg/m ³ respirable particulate matter	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction	
Phosphoric acid 7664-38-2	STEL: 3 mg/m ³ TWA: 1 mg/m ³	TWA: 1 mg/m ³	IDLH: 1000 mg/m ³ TWA: 1 mg/m ³ STEL: 3 mg/m ³

Appropriate engineering controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tight sealing safety goggles.

Skin and body protection

Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

Hand Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal Protection

No information available

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Liquid

Appearance

No information available

Odor	Solvent
Color	white
Odor Threshold	No information available
pH - VALUE 1	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	No information available °C / °F
flash point	43 °C / 109.4 °F
evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	11.2
Lower flammability limit:	.7
Vapor pressure	8.8
Relative vapor density	No information available
Density (lbs per US gallon)	10.84
specific gravity	1.3
Solubility(ies)	Not relevant/applicable due to nature of the product.
Partition coefficient	No information available
Autoignition temperature	230 °C / 446 °F
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available

Other information

Section 10: STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Strong oxidizing agents. Alkali.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). Formaldehyde.

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact
Causes serious eye irritation
Skin Contact
Causes skin irritation
Ingestion
Not applicable
Inhalation
Not applicable

Numerical measures of toxicity - Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Polyester resin 27026-61-5	-	-	-
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-

Formaldehyde-melamine polymer, methylated 68002-20-0	= 12300 µL/kg (Rat)	-	-
Proprietary Inert	-	-	-
1-Butanol 71-36-3	= 700 mg/kg (Rat) = 790 mg/kg (Rat)	= 3402 mg/kg (Rabbit) = 3400 mg/kg (Rabbit)	> 8000 ppm (Rat) 4 h
Solvent naphtha, petroleum, light aromatic 64742-95-6	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
Benzene, trimethyl- 25551-13-7	= 8970 mg/kg (Rat)	-	-
Xylenes 1330-20-7	= 3500 mg/kg (Rat)	> 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit)	= 5000 ppm (Rat) 4 h = 29.08 mg/L (Rat) 4 h
Proprietary Inert	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h
1,2,4-Trimethylbenzene 95-63-6	= 3280 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 18 g/m ³ (Rat) 4 h
1,3,5-Trimethylbenzene 108-67-8	= 5000 mg/kg (Rat)	-	= 24 g/m ³ (Rat) 4 h
Aluminum hydroxide (Al(OH)3) 21645-51-2	> 5000 mg/kg (Rat)	-	-
Kaolin 1332-58-7	-	-	-
Ethyl acrylate and 2-ethylhexyl acrylate copolymer 26376-86-3	-	-	-
C.I. Pigment Blue 28 1345-16-0	-	-	-
2-Amino-2-methyl-1-propanol 124-68-5	= 2900 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h
Cumene 98-82-8	= 1400 mg/kg (Rat)	= 12300 µL/kg (Rabbit)	> 3577 ppm (Rat) 6 h = 39000 mg/m ³ (Rat) 4 h
1,2,3-Trimethylbenzene 526-73-8	= 8970 mg/kg (Rat)	-	-
Polyethylene 9002-88-4	= 8 g/kg (Rat)	-	-
Paraffin waxes and Hydrocarbon waxes 8002-74-2	> 5000 mg/kg (Rat)	> 3600 mg/kg (Rabbit)	-
p-Toluenesulfonic acid 104-15-4	= 1410 mg/kg (Rat)	-	-
Methyl alcohol 67-56-1	= 6200 mg/kg (Rat)	= 15800 mg/kg (Rabbit)	= 64000 ppm (Rat) 4 h = 22500 ppm (Rat) 8 h
Polyester Resin 96591-30-9	-	-	-
Magnesium carbonate 546-93-0	-	-	-
Dolomite (CaMg(CO3)2) 16389-88-1	-	-	-
Chlorite-group minerals 1318-59-8	-	-	-
Diacetone alcohol 123-42-2	> 4 g/kg (Rat)	= 13500 mg/kg (Rabbit) = 13630 mg/kg (Rabbit)	> 7.23 g/m ³ (Rat) 8 h
Isopropyl alcohol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h
Stannane, butylhydroxyoxo- 2273-43-0	-	-	-
Crystalline Silica, non-respirable 14808-60-7	= 500 mg/kg (Rat)	-	-
Solvent naphtha, petroleum, heavy aromatic 64742-94-5	> 5000 mg/kg (Rat)	> 2 mL/kg (Rabbit)	> 590 mg/m ³ (Rat) 4 h
Quartz 14808-60-7	= 500 mg/kg (Rat)	-	-
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Formaldehyde	= 100 mg/kg (Rat)	= 270 mg/kg (Rabbit)	= 0.578 mg/L (Rat) 4 h

50-00-0			
Propanol, 2-(methylamino)-2-methyl- 27646-80-6	-	-	-
Triethylene glycol monobutyl ether 143-22-6	= 5300 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Ethylene glycol 107-21-1	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat) = 9530 µL/kg (Rabbit)	-
Diethylene glycol monomethyl ether 111-77-3	= 4 mL/kg (Rat)	= 2500 µL/kg (Rabbit) = 650 mg/kg (Rabbit)	-
Diethylene glycol monoethyl ether 111-90-0	= 10502 mg/kg (Rat)	= 6 mL/kg (Rat) = 4200 µL/kg (Rabbit) = 9143 mg/kg (Rabbit)	> 5240 mg/m ³ (Rat) 4 h
Diethylene glycol monobutyl ether 112-34-5	= 5660 mg/kg (Rat)	= 2700 mg/kg (Rabbit)	-
Naphthalene 91-20-3	= 490 mg/kg (Rat) = 1110 mg/kg (Rat)	> 20 g/kg (Rabbit) = 1120 mg/kg (Rabbit)	> 340 mg/m ³ (Rat) 1 h
2-Butanol 78-92-2	= 2193 mg/kg (Rat) = 2200 mg/kg (Rat)	> 2 g/kg (Rat) > 2000 mg/kg (Rabbit)	= 48500 mg/m ³ (Rat) 4 h
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	> 5000 mg/kg (Rat)	-	= 0.45 mg/L (Rat) 4 h
Non-Hazardous Polymer UNKNOWN	-	-	-
n-Butyl acetate 123-86-4	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat) 4 h
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h
POLYAMINE POLYESTER POLYMER UNKNOWN	-	-	-
NICKEL-COBALT COMPOUND UNKNOWN	-	-	-
Benzene 71-43-2	= 810 mg/kg (Rat) = 1800 mg/kg (Rat)	> 8200 mg/kg (Rabbit)	= 44.66 mg/L (Rat) 4 h
Sulfuric acid 7664-93-9	= 2140 mg/kg (Rat)	-	= 510 mg/m ³ (Rat) 2 h
Ethyl acrylate 140-88-5	= 550 mg/kg (Rat)	= 500 µL/kg (Rabbit) = 1790 mg/kg (Rabbit)	= 1414 ppm (Rat) 4 h = 1410 ppm (Rat) 4 h
2-Ethylhexyl acrylate 103-11-7	= 4435 mg/kg (Rat)	= 7522 mg/kg (Rabbit)	-
Proprietary Inert	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h
C.I. Pigment Yellow 119 68187-51-9	-	-	-
Iron oxide (Fe ₂ O ₃) 1309-37-1	> 10000 mg/kg (Rat)	-	-
Dibutyltin oxide 818-08-6	= 44.9 mg/kg (Rat)	-	-
Propylene glycol monomethyl ether acetate 108-65-6	= 8532 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
High Solids Polyester 96591-30-9	-	-	-
Carbon black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
UNKNOWN NON-HAZARDOUS MATERIAL UNKNOWN	-	-	-
PHOSPHORIC ACID POLYESTER UNKNOWN	-	-	-
POLYMERIC POLYESTER-POLYAMINE UNKNOWN	-	-	-
Manganese 7439-96-5	= 9 g/kg (Rat)	-	-
Proprietary Inert	> 5000 mg/kg (Rat)	-	-
PHTHALOCYANINE DERIVATIVE UNKNOWN	-	-	-
2-Methoxypropyl-1-acetate	-	-	-

70657-70-4			
Phosphoric acid 7664-38-2	= 1530 mg/kg (Rat)	= 2740 mg/kg (Rabbit)	> 850 mg/m ³ (Rat) 1 h

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	2,478.10 mg/kg
ATEmix (dermal)	80,767.50 mg/kg
ATEmix (inhalation-dust/mist)	6.58 mg/l
ATEmix (inhalation-vapor)	48.30 mg/l

UNKNOWN ACUTE TOXICITY 22.4893% of the mixture consists of ingredient(s) of unknown toxicity

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

According to IARC, Volume 93, no significant exposure to primary particles of titanium dioxide is thought to occur from use in paints since the pigment is bound to other materials.

Chemical name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3			
Titanium dioxide 13463-67-7		Group 2B		X
C.I. Pigment Blue 28 1345-16-0				X
Ethylbenzene 100-41-4	A3	Group 2B		X
Cumene 98-82-8		Group 2B	Reasonably Anticipated	X
Crystalline Silica, non-respirable 14808-60-7	A2	Group 1	Known	X
Quartz 14808-60-7	A2	Group 1	Known	X
Formaldehyde 50-00-0	A2	Group 1	Known	X
Naphthalene 91-20-3	A3	Group 2B	Reasonably Anticipated	X
NICKEL-COBALT COMPOUND UNKNOWN		Group 1	Known	
Benzene 71-43-2	A1	Group 1	Known	X
Sulfuric acid 7664-93-9	A2	Group 1	Known	X
Ethyl acrylate 140-88-5		Group 2B		X
Carbon black 1333-86-4	A3	Group 2B		X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen. A2 - Suspected Human Carcinogen.

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans. Group 1 - Carcinogenic to Humans.

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen. Known - Known Carcinogen.

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present.

Skin corrosion/irritation Causes skin irritation

Serious eye damage/eye irritation Causes serious eye irritation

Skin sensitization Not applicable

Respiratory sensitization Not applicable

Germ cell mutagenicity Not applicable
Carcinogenicity Suspected of causing cancer
Reproductive Toxicity Suspected of damaging fertility or the unborn child
Specific target organ toxicity (single exposure) Not applicable
Specific target organ toxicity (repeated exposure) Causes damage to organs through prolonged or repeated exposure
Aspiration hazard Not applicable

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Environmental precautions Prevent product from entering drains.

Persistence and degradability

No information available

Bioaccumulation

No information available

Mobility

No information available

Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

Section 14: TRANSPORT INFORMATION

14.1 UN number or ID number	<u>DOT</u> UN1263	<u>IMDG</u> UN1263	<u>IATA</u> UN1263
14.2 Proper shipping name	Paint	Paint	Paint
14.3 Hazard Class	COMBUSTIBLE LIQUID	3	3
14.4 Packing Group	III	III	III
14.5 Environmental hazards			
14.6 Special Provisions	367, B1, B52, B131, IB3, T2, TP1, TP29 Emergency Response Guide Number 128	163, 223, 367, 955 EmS-No. F-E, S-E	A3, A72, A192
14.7 Maritime transport in bulk according to IMO instruments	No information available		

The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

Section 15: REGULATORY INFORMATION

International Inventories

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

All components are listed or exempt from listing. (Active List).

DSL - Canadian Domestic Substances List

Not all components are listed or exempt from listing

US Federal Regulations

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.

Chemical name	SARA 313 - Threshold Values %	Metals	Hazardous air pollutants (HAPs) content
2-Butoxyethanol 111-76-2 10 - 25	1		
1-Butanol 71-36-3 3 - 5	1		
Xylenes 1330-20-7 1 - 3	1		Present
C.I. Pigment Blue 28 1345-16-0 0.1 - 0.3	0.1	Cobalt Aluminum	Present
Ethylbenzene 100-41-4 0.1 - 0.3	0.1		Present
Cumene 98-82-8 0.1 - 0.3	0.1		Present
Methyl alcohol 67-56-1 0.1 - 0.3	1		Present
Formaldehyde 50-00-0 100 ppm - <0.1%	0.1		Present
Diethylene glycol monobutyl ether 112-34-5 100 ppm - <0.1%	1		Present
Triethylene glycol monobutyl ether 143-22-6 100 ppm - <0.1%	1		Present
Diethylene glycol monomethyl ether 111-77-3 100 ppm - <0.1%	1		Present
Ethylene glycol 107-21-1 100 ppm - <0.1%	1		Present
Diethylene glycol monoethyl ether 111-90-0 100 ppm - <0.1%	1		Present
Naphthalene 91-20-3 10 - <90 ppm	0.1		Present
Toluene 108-88-3 10 - <90 ppm	1		Present
NICKEL-COBALT COMPOUND UNKNOWN 1 - 10 ppm	0.1	Nickel Cobalt	Present
Benzene 71-43-2 1 - 10 ppm	0.1		Present
Ethyl acrylate 140-88-5 1 - 10 ppm	0.1		Present
Manganese 7439-96-5 1 - 10 ppb	1	Manganese	Present
Lead (ppm) SARA 313 - Threshold Value - 0% .3319			

Mercury (ppm) SARA 313 - Threshold Value - 0%
 .0017

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylenes 1330-20-7	100 lb			X
Ethylbenzene 100-41-4	1000 lb	X	X	X
Formaldehyde 50-00-0	100 lb			X
Naphthalene 91-20-3	100 lb	X	X	X
n-Butyl acetate 123-86-4	5000 lb			X
Toluene 108-88-3	1000 lb	X	X	X
Benzene 71-43-2	10 lb	X	X	X
Sulfuric acid 7664-93-9	1000 lb			X
C.I. Pigment Yellow 119 68187-51-9		X		
Phosphoric acid 7664-38-2	5000 lb			X

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
1-Butanol 71-36-3	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylenes 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Ethylbenzene 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Cumene 98-82-8	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Methyl alcohol 67-56-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Formaldehyde 50-00-0	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ
Ethylene glycol 107-21-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Naphthalene 91-20-3	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
n-Butyl acetate 123-86-4	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Toluene 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
NICKEL-COBALT COMPOUND UNKNOWN	100 lb		100 lb final RQ
Benzene 71-43-2	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ
Sulfuric acid 7664-93-9	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ
Ethyl acrylate 140-88-5	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Phosphoric acid 7664-38-2	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

Rule 66 status of product

Photochemically reactive.

California Proposition 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

U.S. EPA Label information

EPA Pesticide registration number Not applicable

U.S. State Right-to-Know Regulations

Chemical name
Polyester resin 27026-61-5
2-Butoxyethanol 111-76-2
Titanium dioxide 13463-67-7
Formaldehyde-melamine polymer, methylated 68002-20-0
Proprietary Inert
1-Butanol 71-36-3
Solvent naphtha, petroleum, light aromatic 64742-95-6
Benzene, trimethyl- 25551-13-7
Xylenes 1330-20-7
Ethylbenzene 100-41-4
Cumene 98-82-8
Methyl alcohol 67-56-1
Formaldehyde 50-00-0

Section 16: OTHER INFORMATION**HMIS****Health hazards** 3*

* = Chronic Health Hazard

Flammability 2**Physical hazards** 0**Personal Protection** X**Supplier Address**

Valspar Coatings	The Valspar Corporation	Valspar Coil
701 Shiloh Rd.	901 N. Greenwood Ave.	5501 E. Slauson Ave.
Garland, TX 75042	Kankakee, IL 60901	Los Angeles, CA 90040
972-276-5181	815-933-5561	323-726-7272

Prepared By Product Stewardship**Revision date** 06-Feb-2025**Revision Note** No information available**Disclaimer**

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End of Safety Data Sheet