

# Safety Data Sheet



## 1. Identification

<b>Product Name:</b>	PERMWH QT 6 PK EGGSHELL	<b>Revision Date:</b>	12/20/2021
<b>Product Identifier:</b>	2774	<b>Supercedes Date:</b>	1/18/2019
<b>Recommended Use:</b>	Topcoat / Acrylic		
<b>Supplier:</b>	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	<b>Manufacturer:</b>	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
<b>Preparer:</b>	Regulatory Department		
<b>Emergency Telephone:</b>	24 Hour Hotline: 847-367-7700		

## 2. Hazards Identification

### Classification

Symbol(s) of Product



### Signal Word

Warning

### Possible Hazards

17% of the mixture consists of ingredient(s) of unknown acute toxicity.

### GHS HAZARD STATEMENTS

Skin Irritation, category 2	H315	Causes skin irritation.
Eye Irritation, category 2A	H319	Causes serious eye irritation.

### GHS LABEL PRECAUTIONARY STATEMENTS

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P321	For specific treatment see label.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

## 3. Composition / Information on Ingredients

**HAZARDOUS SUBSTANCES**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. % Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Titanium Dioxide	13463-67-7	10-25	Not Available	Not Available
Zinc Oxide	1314-13-2	0.1-1.0	Not Available	Not Available
Ethylene Glycol	107-21-1	0.1-1.0	Not Available	Not Available
Octylphenol Ethoxylate	9036-19-5	0.1-1.0	GHS07	H302
Propylene Glycol Phenyl Ether	770-35-4	0.1-1.0	Not Available	Not Available
Titanium Dioxide	1317-70-0	0.1-1.0	Not Available	Not Available
Amorphous Silica	7631-86-9	0.1-1.0	Not Available	Not Available
Monoethanolamine	141-43-5	0.1-1.0	GHS05-GHS06-GHS07	H302-311-314-330-335
Sodium Nitrite	7632-00-0	0.1-1.0	GHS03-GHS06-GHS07	H272-301-319-331
2,4,7,9-Tetramethyl-5-Decyne-4,7-Diol	126-86-3	0.1-1.0	GHS05-GHS07	H302-312-317-318
4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one	64359-81-5	<0.1	GHS05-GHS06-GHS07	H302-314-317-330

**4. First-Aid Measures**

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. If swallowed, rinse mouth with water. If feeling unwell, get medical attention.

**5. Fire-Fighting Measures**

**EXTINGUISHING MEDIA:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

**Special Fire and Explosion Hazard (Combustible Dust):** No Information

**6. Accidental Release Measures**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

## 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing. Avoid contact with eyes.

**STORAGE:** Keep from freezing. Keep container closed when not in use. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

**Advice on Safe Handling of Combustible Dust:** No Information

## 8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Titanium Dioxide	13463-67-7	20.0	10 mg/m3	N.E.	15 mg/m3	N.E.
Zinc Oxide	1314-13-2	1.0	2 mg/m3	10 mg/m3	5 mg/m3	N.E.
Ethylene Glycol	107-21-1	1.0	25 ppm	50 ppm	N.E.	N.E.
Octylphenol Ethoxylate	9036-19-5	1.0	N.E.	N.E.	N.E.	N.E.
Propylene Glycol Phenyl Ether	770-35-4	1.0	N.E.	N.E.	N.E.	N.E.
Titanium Dioxide	1317-70-0	1.0	N.E.	N.E.	N.E.	N.E.
Amorphous Silica	7631-86-9	1.0	N.E.	N.E.	50 µg/m3	N.E.
Monoethanolamine	141-43-5	1.0	3 ppm	6 ppm	3 ppm	N.E.
Sodium Nitrite	7632-00-0	1.0	N.E.	N.E.	N.E.	N.E.
2,4,7,9-Tetramethyl-5-Decyne-4,7-Diol	126-86-3	1.0	N.E.	N.E.	N.E.	N.E.
4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one	64359-81-5	0.1	N.E.	N.E.	N.E.	N.E.

### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications. Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

**Engineering Measures for Combustible Dust:** No Information

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Mild	<b>Odor Threshold:</b>	N.E.
<b>Specific Gravity:</b>	1.416	<b>pH:</b>	8.5-9.5
<b>Freeze Point, °C:</b>	N.D.	<b>Viscosity:</b>	N.D.
<b>Solubility in Water:</b>	Miscible	<b>Partition Coefficient, n-octanol/ water:</b>	N.D.
<b>Decomposition Temp., °C:</b>	N.D.	<b>Explosive Limits, vol%:</b>	N.A. - N.A.
<b>Boiling Range, °C:</b>	100 - 537	<b>Flash Point, °C:</b>	94
<b>Flammability:</b>	Does not Support Combustion	<b>Auto-Ignition Temp., °C:</b>	N.D.
<b>Evaporation Rate:</b>	Slower than Ether	<b>Vapor Pressure:</b>	N.D.
<b>Vapor Density:</b>	Heavier than Air		

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**Conditions to Avoid:** Avoid contact with strong acid and strong bases. Avoid excess heat. Keep from freezing.

**Incompatibility:** Incompatible with strong oxidizing agents, strong acids and strong alkalis.

**Hazardous Decomposition:** By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Stability:** This product is stable under normal storage conditions.

## 11. Toxicological Information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Causes eye irritation. Irritating, and may injure eye tissue if not removed promptly. Extremely irritating to the eyes and may cause severe damage, including blindness.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Substance may cause slight skin irritation. May cause sensitization. Low hazard for usual industrial handling or commercial handling by trained personnel.

**EFFECTS OF OVEREXPOSURE - INHALATION:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Low hazard for usual industrial handling or commercial handling by trained personnel.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Substance may be harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

### ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
13463-67-7	Titanium Dioxide	>10000 mg/kg Rat	2500 mg/kg	N.E.
1314-13-2	Zinc Oxide	>5000 mg/kg Rat	>2000 mg/kg Rat	N.E.
107-21-1	Ethylene Glycol	4700 mg/kg Rat	10600 mg/kg Rat	N.E.
9036-19-5	Octylphenol Ethoxylate	1700 mg/kg Rat	N.E.	N.E.
770-35-4	Propylene Glycol Phenyl Ether	2830 mg/kg Rat	>2000 mg/kg Rabbit	N.E.
7631-86-9	Amorphous Silica	7900 mg/kg Rat	>5000 mg/kg Rabbit	25 mg/L
141-43-5	Monoethanolamine	1720 mg/kg Rat	1000 mg/kg Rabbit	>1.3 mg/L Rat
7632-00-0	Sodium Nitrite	85 mg/kg Rat	N.E.	5.5 mg/L Rat
126-86-3	2,4,7,9-Tetramethyl-5-Decyne-4,7-Diol	>500 mg/kg Rat	>1000 mg/kg Rabbit	N.E.
64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one	1636 mg/kg Rat	>2000 mg/kg Rabbit	0.26 mg/L Rat

N.E. - Not Established

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components. No ecotoxicity data was found for this product.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances.

## 14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
<b>UN Number:</b>	N.A.	N.A.	N.A.	N.A.
<b>Proper Shipping Name:</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>Hazard Class:</b>	N.A.	N.A.	N.A.	N.A.
<b>Packing Group:</b>	N.A.	N.A.	N.A.	N.A.
<b>Limited Quantity:</b>	No	No	No	No

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Skin Corrosion or Irritation, Serious eye damage or eye irritation

#### SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Zinc Oxide	1314-13-2
Ethylene Glycol	107-21-1
Sodium Nitrite	7632-00-0

#### Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
Sodium Nitrite	7632-00-0

### U.S. State Regulations:

#### California Proposition 65

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 16. Other Information

#### HMIS RATINGS

Health: 2      Flammability: 1      Physical Hazard: 0      Personal Protection: X

#### NFPA RATINGS

Health: 2      Flammability: 1      Instability: 0

Volatile Organic Compounds: 44 g/L

SDS REVISION DATE: 12/20/2021

REASON FOR REVISION: Product Composition Changed  
Substance and/or Product Properties Changed in Section(s):  
02 - Hazard Identification  
05 - Fire-Fighting Measures  
09 - Physical & Chemical Properties  
15 - Regulatory Information  
Revision Statement(s) Changed

**Legend:** N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

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