

# Safety Data Sheet



## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | PERMAWH QT 6 PK SATIN  | <b>Revision Date:</b>   | 12/5/2022  |
| <b>Product Identifier:</b>  | 2704   | <b>Supercedes Date:</b> | 3/28/2022  |
| <b>Recommended Use:</b>     | Topcoat/Acrylic  |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>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

18% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS HAZARD STATEMENTS

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

#### GHS LABEL PRECAUTIONARY STATEMENTS

|                |  |
|----------------|--|
| P264           | Wash hands thoroughly after handling.  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| 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. |
| P321           | For specific treatment see label.  |
| 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         |
| Hydrous Magnesium Silicate                               | 14807-96-6     | 1.0-2.5            | Not Available      | Not Available         |
| Ethylene Glycol  | 107-21-1       | 0.1-1.0            | Not Available      | Not Available         |
| Distillates (Petroleum) Solvent-Dewaxed Heavy Paraffinic | 64742-65-0     | 0.1-1.0            | Not Available      | Not Available         |
| Propylene Glycol Phenyl Ether                            | 770-35-4       | 0.1-1.0            | Not Available      | Not Available         |
| Amorphous Silica   | 7631-86-9      | 0.1-1.0            | Not Available      | Not Available         |
| 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      |
| Zinc Pyrithione  | 13463-41-7     | <0.1               | GHS05-GHS06-GHS08  | H301-318-330-360-372  |

**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:** If swallowed, rinse mouth with water. If feeling unwell, get medical attention. 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.

**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:** 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. Dispose of according to local, state (provincial) 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:** Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep from freezing. Keep container closed when not in use.

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

## 8. Exposure Controls / Personal Protection

| Chemical Name  | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA     | ACGIH TLV-<br>STEL | OSHA PEL-TWA         | OSHA PEL-<br>CEILING |
|--|------------|-----------------------|-----------------------|--------------------|----------------------|----------------------|
| Titanium Dioxide   | 13463-67-7 | 20.0                  | 0.2 mg/m <sup>3</sup> | N.E.               | 15 mg/m <sup>3</sup> | N.E.                 |
| Hydrous Magnesium Silicate                               | 14807-96-6 | 5.0                   | 2 mg/m <sup>3</sup>   | N.E.               | N.E.                 | N.E.                 |
| Ethylene Glycol  | 107-21-1   | 1.0                   | 25 ppm                | 50 ppm             | N.E.                 | N.E.                 |
| Distillates (Petroleum) Solvent-Dewaxed Heavy Paraffinic | 64742-65-0 | 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.                 |
| Amorphous Silica   | 7631-86-9  | 1.0                   | N.E.                  | N.E.               | 50 µg/m <sup>3</sup> | 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.                 |
| Zinc Pyrithione  | 13463-41-7 | 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>        | 1.364                       | <b>pH:</b>  | 9.2         |
| <b>Freeze Point, °C:</b>        | N.D.                        | <b>Viscosity:</b>                                   | N.D.        |
| <b>Solubility in Water:</b>     | Miscible                    | <b>Partition Coefficient, n-octanol/<br/>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. Constituents of this product include crystalline silica dust which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

**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:

| CAS-No.    | Chemical Name  | Oral LD50        | Dermal LD50        | Vapor LC50    |
|------------|--|------------------|--------------------|---------------|
| 13463-67-7 | Titanium Dioxide   | >10000 mg/kg Rat | 6000               | N.E.          |
| 14807-96-6 | Hydrous Magnesium Silicate                               | 6000             | N.E.               | 30            |
| 107-21-1   | Ethylene Glycol  | 4700 mg/kg Rat   | 10600 mg/kg Rat    | N.E.          |
| 64742-65-0 | Distillates (Petroleum) Solvent-Dewaxed Heavy Paraffinic | >15000 mg/kg Rat | >5000 mg/kg Rabbit | 21 mg/L       |
| 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       |
| 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 |
| 13463-41-7 | Zinc Pyrithione  | 177 mg/kg Rat    | >2000 mg/kg Rat    | N.E.          |

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:** 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> |
|----------------------|----------------|
| Ethylene Glycol      | 107-21-1       |
| Sodium Nitrite       | 7632-00-0      |
| Zinc Pyrithione      | 13463-41-7     |

#### 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:** 48 g/L

**SDS REVISION DATE:** 12/5/2022

**REASON FOR REVISION:** Product Composition Changed  
Substance and/or Product Properties Changed in  
Section(s):  
02 - Hazard Identification  
15 - Regulatory Information  
16 - Other Information  
Revision Statement(s) Changed

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

Rust-Oleum Corporation believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Corporation makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.