



Revision Date: 1/13/2025

## Rust-Oleum Multi Component Product Information Sheet

**236478 1000SQFT 8300OKOTEPLUSHD-KIT-DUNTAN is a multi component product composed of the following individual chemical components:**

236442 CPS 1000SQFT 8300OKOTEPLUSHD-B  
236475 CPS 1000SQFT 8300OKOTEPLUSHD-A-DUNTAN

SDSs for each component follow this cover sheet.

### Transportation Information

|   | <u>Domestic (USDOT)</u>          | <u>International (IMDG)</u>      | <u>Air (IATA)</u>                | <u>TDG (Canada)</u>              |
|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| UN Number:                                      | 3066                             | 3066                             | 3066                             | 3066                             |
| Proper Shipping Name:                           | Paint and Paint Related Material | Paint and Paint Related Material | Paint and Paint Related Material | Paint and Paint Related Material |
| Hazard Class:                                   | 8                                | 8                                | 8                                | 8                                |
| Packing Group:                                  | II                               | II                               | II                               | II                               |
| Limited Quantity:                               | No                               | No                               | Cargo Aircraft Only              | No                               |
| Finished Good Schedule B Harmonized Tariff Code | 3907.30.0000                     |                                  |                                  |                                  |

# Safety Data Sheet



## 1. Identification

**Name on Label:** No Information

**Product Name:** CPS 1000SQFT 8300OKOTEPLUSHD-B      **Revision Date:** 6/25/2019

**Product Identifier:** 236442      **Supersedes Date:** 4/1/2019

**Recommended Use:** Floor Coating/Activator

**Supplier:** Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061  
USA

**Manufacturer:** Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061  
USA

**Preparer:** Regulatory Department

**Emergency Telephone:** 24 Hour Hotline: 847-367-7700

## 2. Hazards Identification

### Classification

#### Symbol(s) of Product



#### Signal Word

Danger

#### GHS Hazard Statements

|                                     |      |  |
|-------------------------------------|------|--|
| Acute Toxicity, Oral, category 4    | H302 | Harmful if swallowed.  |
| Acute Toxicity, Dermal, category 4  | H312 | Harmful in contact with skin.                                      |
| Skin Corrosion, category 1A         | H314 | Causes severe skin burns and eye damage.                           |
| Skin Sensitizer, category 1         | H317 | May cause an allergic skin reaction.                               |
| STOT, Repeated Exposure, category 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |

#### GHS Label Precautionary Statements

|                |   |
|----------------|---|
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray.   |
| P264           | Wash hands thoroughly after handling.   |
| P272           | Contaminated work clothing should not be allowed out of the workplace.                              |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                          |
| P301+P312      | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.                          |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.   |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                          |

No Information

|   |  |
|---|--|
| P305+P351+P338                          | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310                                    | If exposed immediately call a POISON CENTER or doctor/physician.   |
| P321                                    | For specific treatment see label   |
| P333+P313                               | If skin irritation or rash occurs: Get medical advice/attention.   |
| P361+P364                               | Take off immediately all contaminated clothing and wash it before reuse.   |
| P405                                    | Store locked up.   |
| P501                                    | Dispose of contents/container in accordance with local, regional and national regulations.                                       |
| <b>GHS SDS Precautionary Statements</b> |  |
| P270                                    | Do not eat, drink or smoke when using this product.  |
| P363                                    | Wash contaminated clothing 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> |
|----------------------|----------------|--------------------|--------------------|-----------------------|
| Triethylenetetramine | 112-24-3       | 45-70              | GHS05-GHS07        | H312-314-317          |
| Cycloaliphatic Amine | PROPRIETARY    | 45-70              | GHS05-GHS07-GHS08  | H302-314-317-373      |

### 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. If exposed to fumes or vapors, flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**First Aid - Skin Contact:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse. Destroy contaminated shoes. Wash contaminated clothing and decontaminate footwear before reuse.

**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. Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately. 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 Fire Fighting Procedures:** Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. Evacuate area and fight fire from a safe distance. Containers can rupture and release highly toxic material if exposed to heat. Substance is non-combustible but reacts with many metals to form explosive hydrogen gas. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

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

### 6. Accidental Release Measures

No Information

**Steps to Be Taken If Material Is Released or Spilled:** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Avoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8. Carefully neutralize spill with sodium bicarbonate (NaHCO<sub>3</sub>). 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 in a well-ventilated area. 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.

**Storage:** 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 %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|----------------------|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Triethylenetetramine | 112-24-3    | 55.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Cycloaliphatic Amine | PROPRIETARY | 55.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |

### PERSONAL PROTECTION

**Engineering Controls:** Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. 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. Use impervious gloves to prevent skin contact and absorption of this material through the skin. 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

|                                    |                |  |                   |
|------------------------------------|----------------|--|-------------------|
| Physical State                     | Liquid         | Decomposition Temperature, °C          | N.D.              |
| Color                              | No Information | pH                                     | N.A.              |
| Odor                               | Characteristic | Kinematic Viscosity                    | N.D.              |
| Odor Threshold                     | N.E.           | Solubility in Water                    | Slight            |
| Freezing Point / Melting Point, °C | N.D.           | Partition Coefficient, n-octanol/water | N.D.              |
| Boiling Range, °C                  | 537 - 216      | Vapor Pressure                         | N.D.              |
| Flammability                       | No Information | Evaporation Rate                       | Slower than Ether |
| Lower Explosive Limit, vol%        | N.A.           | Specific Gravity                       | 0.971             |
| Upper Explosive Limit, vol%        | N.A.           | Vapor Density                          | Heavier than Air  |
| Flash Point, °C                    | 108            | Particle Characteristics               | No Information    |
| Auto-Ignition Temperature, °C      | N.D.           |  |                   |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**Conditions to Avoid:** Avoid temperatures above 120°F (49°C). Avoid contact with metals.

**Incompatibility:** Incompatible with strong oxidizing agents, strong acids and strong alkalis. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

**Hazardous Decomposition:** When heated to decomposition, it emits acrid smoke and irritating fumes. Decomposition produces hydrogen chloride, chlorine and hydrogen gases.

**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. Substance causes severe eye irritation. Injury may be permanent.

**Effects of Overexposure - Skin Contact:** Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Severely irritating; may cause permanent skin damage. Low hazard for usual industrial handling or commercial handling by trained personnel.

**Effects of Overexposure - Inhalation:** Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

**Effects of Overexposure - Ingestion:** Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Substance may be harmful if swallowed.

**Effects of Overexposure - Chronic Hazards:** Prolonged or repeated overexposure may cause lung damage. Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract and signs of nervous system depression (e.g., headache, drowsiness, loss of coordination and fatigue). Repeated exposure to low concentrations of HCl vapor or mist may cause bleeding of nose and gums.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, 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> |
|-----------------|----------------------|------------------|---------------------|-------------------|
| 112-24-3        | Triethylenetetramine | 2500 mg/kg Rat   | 1,465 mg/kg Rabbit  | N.E.              |
| PROPRIETA<br>RY | Cycloaliphatic Amine | N.E.             | >2,000 mg/kg Rabbit | N.E.              |

N.E. - Not Established

## 12. Ecological Information

**Ecological Information:** Product is a mixture of listed components.

## 13. Disposal Information

**Disposal:** Dispose of material in accordance with local, state, and federal regulations and ordinances. RCRA Hazardous Waste: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of corrosivity (D002). Check state and local regulations for disposal requirements. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

## 14. Transport Information

|                       | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u>      | <u>TDG (Canada)</u>    |
|-----------------------|-------------------------|-----------------------------|------------------------|------------------------|
| UN Number:            | 3066                    | 3066                        | 3066                   | 3066                   |
| Proper Shipping Name: | Paint Related Material  | Paint Related Material      | Paint Related Material | Paint Related Material |
| Hazard Class:         | 8                       | 8                           | 8                      | 8                      |
| Packing Group:        | II                      | II                          | II                     | II                     |
| Limited Quantity:     | No                      | No                          | Cargo Aircraft Only    | 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:

Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Specific target organ toxicity (single or repeated exposure)

#### 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:

No SARA 313 components exist in this product.

#### 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:

No TSCA 12(b) components exist in this product.

### U.S. State Regulations:

#### California Proposition 65

**WARNING:** No Prop. 65 warning is required.

**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:** 0 g/L

**SDS REVISION DATE:** 6/25/2019

**REASON FOR REVISION:** Substance and/or Product Properties Changed in  
Section(s):  
02 - Hazard Identification  
03 - Composition/Information on Ingredients  
11 - Toxicological 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.

# Safety Data Sheet



## 1. Identification

|                             |   |                         |  |
|-----------------------------|---|-------------------------|--|
| <b>Name on Label:</b>       | Concrete Protection System 8300 Dunes Tan Part A  |                         |  |
| <b>Product Name:</b>        | CPS 1000SQFT 8300OKOTEPLUSHD-A-DUNTAN   | <b>Revision Date:</b>   | 1/13/2025  |
| <b>Product Identifier:</b>  | 236475  | <b>Supersedes Date:</b> | 8/7/2018   |
| <b>Recommended Use:</b>     | Floor Coating/Part A Epoxy  |                         |  |
| <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 |
|                             | Rust-Oleum Canada (ROCA)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada<br>Emergency Phone: 800-387-3625 |                         |  |
| <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

90% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS Hazard Statements

Acute Toxicity, Oral and Inhalation, category 4 H302+H332 Harmful if swallowed or if inhaled.

Skin Irritation, category 2 H315 Causes skin irritation.

Skin Sensitizer, category 1 H317 May cause an allergic skin reaction.

#### GHS Label Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / protective clothing / eye protection / face protection.



|   |  |
|---|--|
| P302+P352                               | IF ON SKIN: Wash with plenty of soap and water.  |
| P304+P340                               | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                     |
| P312                                    | Call a POISON CENTER or doctor/physician if you feel unwell.                                   |
| P321                                    | Specific treatment (see notice on this label).   |
| P330                                    | Rinse mouth.   |
| P332+P313                               | If skin irritation occurs: Get medical advice/attention.                                       |
| P333+P313                               | If skin irritation or rash occurs: Get medical advice/attention.                               |
| P362+P364                               | Take off contaminated clothing and wash it before reuse.                                       |
| P501                                    | Dispose of contents and container in accordance with local, regional and national regulations. |
| <b>GHS SDS Precautionary Statements</b> |  |
| P270                                    | Do not eat, drink or smoke when using this product.  |
| P363                                    | Wash contaminated clothing 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>  |
|---|----------------|-------------------|--------------------|------------------------|
| Formaldehyde, Polymer with (Chloromethyl)Oxirane and Phenol | 9003-36-5      | 80-100            | GHS07              | H302-315-317           |
| Benzyl Alcohol  | 100-51-6       | 3.0-7.0           | GHS07              | H302+H312+H332-317-319 |
| Epichlorohydrin-Bisphenol A Resin                           | 25068-38-6     | 0.5-1.5           | GHS07              | H315-317-319           |
| Titanium Dioxide  | 13463-67-7     | 0.5-1.5           | Not Available      | Not Available          |
| Solvent Naphtha, Light Aromatic                             | 64742-95-6     | 0.1-1.0           | GHS07-GHS08        | H304-332               |

### 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:** Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse. Wash contaminated clothing and decontaminate footwear before reuse.

**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, 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. Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

### 5. Fire-Fighting Measures

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

**Unusual Fire and Explosion Hazards:** Keep containers tightly closed. Combustible liquid and vapor.

**Special Fire Fighting Procedures:** Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Water may be used to cool closed containers to prevent buildup of steam. Full protective equipment including self-contained breathing apparatus should be used. If water is used, fog nozzles are preferred. Evacuate area and fight fire from a safe distance. Containers can rupture and release highly toxic material if exposed to heat.

**Special Fire and Explosion Hazard (Combustible Dust):** Not a combustible dust.

## 6. Accidental Release Measures

**Steps to Be Taken If Material Is Released or Spilled:** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Avoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8.

## 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 prolonged or repeated contact with skin. Avoid contact with eyes, skin and clothing.

**Storage:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120°F (49°C). Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids. 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 %<br>Less Than | ACGIH TLV-<br>TWA     | ACGIH TLV-<br>STEL | OSHA PEL-TWA         | OSHA PEL-<br>CEILING |
|---|------------|-----------------------|-----------------------|--------------------|----------------------|----------------------|
| Formaldehyde, Polymer with (Chloromethyl)Oxirane and Phenol | 9003-36-5  | 95.0                  | N.E.                  | N.E.               | N.E.                 | N.E.                 |
| Benzyl Alcohol  | 100-51-6   | 10.0                  | N.E.                  | N.E.               | N.E.                 | N.E.                 |
| Epichlorohydrin-Bisphenol A Resin                           | 25068-38-6 | 5.0                   | N.E.                  | N.E.               | N.E.                 | N.E.                 |
| Titanium Dioxide  | 13463-67-7 | 5.0                   | 0.2 mg/m <sup>3</sup> | N.E.               | 15 mg/m <sup>3</sup> | N.E.                 |
| Solvent Naphtha, Light Aromatic                             | 64742-95-6 | 1.0                   | 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 (U.S.) and/or SOR/86-304 Part XII 12.13 and CSA Standard Z180.1 (Canada) requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

**Skin Protection:** Use impervious gloves to prevent skin contact and absorption of this material through the skin.

**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

|                                    |                             |  |                   |
|------------------------------------|-----------------------------|--|-------------------|
| Physical State                     | Liquid                      | Decomposition Temperature, °C          | N.D.              |
| Color                              | Tan                         | pH                                     | N.A.              |
| Odor                               | Solvent Like                | Kinematic Viscosity                    | N.D.              |
| Odor Threshold                     | N.E.                        | Solubility in Water                    | Slight            |
| Freezing Point / Melting Point, °C | N.D.                        | Partition Coefficient, n-octanol/water | N.D.              |
| Boiling Range, °C                  | 200 - 537                   | Vapor Pressure                         | N.D.              |
| Flammability                       | Does not Support Combustion | Evaporation Rate                       | Slower than Ether |
| Lower Explosive Limit, vol%        | 1.3                         | Specific Gravity                       | 1.199             |
| Upper Explosive Limit, vol%        | 13.0                        | Vapor Density                          | Heavier than Air  |
| Flash Point, °C                    | 94                          | Particle Characteristics               | N.A.              |
| Auto-Ignition Temperature, °C      | N.D.                        |  |                   |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**Conditions to Avoid:** Avoid temperatures above 120°F (49°C). Avoid contact with metals. Avoid excess heat.

**Incompatibility:** Incompatible with strong oxidizing agents, strong acids and strong alkalis. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

**Hazardous Decomposition:** 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 burns. Substance causes severe eye irritation. Injury may be permanent. High vapor concentrations can irritate eyes, nose and respiratory passages.

**Effects of Overexposure - Skin Contact:** Prolonged or repeated skin contact may cause irritation. Substance is corrosive. Causes severe skin burns. Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Severely irritating; may cause permanent skin damage.

**Effects of Overexposure - Inhalation:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs.

**Effects of Overexposure - Ingestion:** Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Harmful if swallowed.

**Effects of Overexposure - Chronic Hazards:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. 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) Prolonged or repeated skin contact may cause dermatitis.

**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  |
|------------|--|-----------------|--------------------|-------------|
| 9003-36-5  | Formaldehyde, Polymer with (Chloromethyl) Oxirane and Phenol | 2000 mg/kg Rat  | N.E.               | N.E.        |
| 100-51-6   | Benzyl Alcohol   | 1230 mg/kg Rat  | 2000 mg/kg Rabbit  | 11 mg/L Rat |
| 25068-38-6 | Epichlorohydrin-Bisphenol A Resin                            | 11400 mg/kg Rat | >5000              | 25 g/L      |
| 13463-67-7 | Titanium Dioxide   | >2000 mg/kg Rat | 6000               | N.E.        |
| 64742-95-6 | Solvent Naphtha, Light Aromatic                              | 8400 mg/kg Rat  | >2000 mg/kg Rabbit | 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. RCRA Hazardous Waste: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of corrosivity (D002). Check state and local regulations for disposal requirements. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

## 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.                    | 3082   | 3082   | N.A.                |
| <b>Proper Shipping Name:</b> | Not Regulated           | Environmentally<br>Hazardous Substance,<br>Liquid, n.o.s. (Epoxy<br>Resin) | Environmentally<br>Hazardous Substance,<br>Liquid, n.o.s. (Epoxy<br>Resin) | Not Regulated       |
| <b>Hazard Class:</b>         | N.A.                    | 9  | 9  | N.A.                |
| <b>Packing Group:</b>        | N.A.                    | III  | III  | 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:

Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization

#### 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:

No SARA 313 components exist in this product.

#### 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:

No TSCA 12(b) components exist in this product.

### 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:** 23 g/L

**SDS REVISION DATE:** 1/13/2025

**REASON FOR REVISION:** Revision Description Changed  
Product Composition Changed  
Substance and/or Product Properties Changed in  
Section(s):  
01 - Identification  
02 - Hazard Identification  
03 - Composition / Information on Ingredients  
05 - Fire-Fighting Measures  
08 - Exposure Controls / Personal Protection  
09 - Physical & Chemical Properties  
11 - Toxicological Information  
14 - Transport Information  
15 - Regulatory Information  
Substance Hazard Threshold % Changed  
Substance Hazardous Flag Changed  
Revision Statement(s) Changed

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

The manufacturer 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. The manufacturer 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.