



Revision Date: 2/20/2025

## Rust-Oleum Multi Component Product Information Sheet

**240923 4-GL 8000 OVERKRETES-KIT-BLACK is a multi component product composed of the following individual chemical components:**

240871 CPS 4-GL 8000 OVERKRETES-A-BLACK

238773 CPS 2-GL 8000 OVERKRETES-B

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:                                  | III                              | III                              | III                              | III                              |
| Limited Quantity:                               | No                               | No                               | Cargo Aircraft Only              | No                               |
| Finished Good Schedule B Harmonized Tariff Code | 3907.30.0000                     |                                  |                                  |                                  |

# Safety Data Sheet



## 1. Identification

|                             |   |                         |  |
|-----------------------------|---|-------------------------|--|
| <b>Name on Label:</b>       | Concrete Protection System 8000 Overkrete Black Part A  |                         |  |
| <b>Product Name:</b>        | CPS 4-GL 8000 OVERKRETES-A-BLACK  | <b>Revision Date:</b>   | 2/20/2025  |
| <b>Product Identifier:</b>  | 240871  | <b>Supersedes Date:</b> | 2/3/2023   |
| <b>Recommended Use:</b>     | Floor Coating/Epoxy Part A  |                         |  |
| <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. Hazard 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

|                             |      |                                      |
|-----------------------------|------|--------------------------------------|
| Skin Irritation, category 2 | H315 | Causes skin irritation.              |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| Eye Irritation, category 2A | H319 | Causes serious eye irritation.       |

#### GHS Label Precautionary Statements

|                |  |
|----------------|--|
| P261           | Avoid breathing dust, fumes, gas, mists, vapours, or spray.  |
| P264           | Wash thoroughly after handling.  |
| P272           | Contaminated work clothing should not be allowed out of the workplace.   |
| P280           | Wear protective gloves, protective clothing, eye protection, and 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      | Specific treatment (see notice on this label).   |
| P332+P313 | If skin irritation occurs: Get medical advice/attention.                                       |
| P333+P313 | If skin irritation or rash occurs: Get medical advice.   |
| P337+P317 | If eye irritation persists: Get medical help.  |
| 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. |

**GHS SDS Precautionary Statements**

P363 Wash contaminated clothing before reuse.

### 3. Composition / Information on Ingredients

**HAZARDOUS SUBSTANCES**

| <u>Chemical Name</u>              | <u>CAS-No.</u> | <u>Wt. %<br/>Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u>  |
|-----------------------------------|----------------|------------------------|--------------------|------------------------|
| Epichlorohydrin-Bisphenol A Resin | 25068-38-6     | 60-80                  | GHS07              | H315-317-319           |
| Benzyl Alcohol                    | 100-51-6       | 7.0-13                 | GHS07              | H302+H312+H332-317-319 |
| Kaolin Clay                       | 1332-58-7      | 3.0-7.0                | Not Available      | Not Available          |
| Carbon Black                      | 1333-86-4      | 1.0-5.0                | Not Available      | Not Available          |
| Stoddard Solvent                  | 8052-41-3      | 0.1-1.0                | GHS08              | H304-372               |
| Solvent Naphtha, Light Aromatic   | 64742-95-6     | 0.1-1.0                | GHS07-GHS08        | H304-332               |

Actual concentrations of ingredients are withheld as trade secret.

### 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. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.

**Special Fire Fighting Procedures:** 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. Substance is non-combustible but reacts with many metals to form explosive hydrogen gas.

**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. 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. Do not get in eyes, on skin or clothing.

**Storage:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. 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 |
|-----------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Epichlorohydrin-Bisphenol A Resin | 25068-38-6 | 80.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Benzyl Alcohol                    | 100-51-6   | 15.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Kaolin Clay                       | 1332-58-7  | 10.0                  | 2 mg/m3           | N.E.               | 15 mg/m3     | N.E.                 |
| Carbon Black                      | 1333-86-4  | 5.0                   | 3 mg/m3           | N.E.               | 3.5 mg/m3    | N.E.                 |
| Stoddard Solvent                  | 8052-41-3  | 1.0                   | 100 ppm           | N.E.               | 500 ppm      | 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. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. 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                              | Black                       | 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                  | 205 - 4,200                 | Vapor Pressure                         | N.D.              |
| Flammability                       | Does not Support Combustion | Evaporation Rate                       | Slower than Ether |
| Lower Explosion Limit, vol%        | 1.3                         | Specific Gravity                       | 1.196             |
| Upper Explosion Limit, vol%        | 13.0                        | Vapor Density                          | Heavier than Air  |
| Flash Point, °C                    | 101                         | 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 alkalies. 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:** Can cause severe eye irritation. Causes eye burns. Causes eye and skin irritation which may lead to dermatitis with repeated exposures. Extremely irritating to the eyes and may cause severe damage, including blindness. 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 carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated 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 carbon black in the formula. 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:

| <u>CAS-No.</u> | <u>Chemical Name</u>              | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|-----------------------------------|------------------|--------------------|-------------------|
| 25068-38-6     | Epichlorohydrin-Bisphenol A Resin | 11400 mg/kg Rat  | >5000              | 25 g/L            |
| 100-51-6       | Benzyl Alcohol                    | 1230 mg/kg Rat   | 2000 mg/kg Rabbit  | 11 mg/L Rat       |
| 1332-58-7      | Kaolin Clay                       | 5500 mg/kg       | >5000 mg/kg Rat    | 25 mg/L           |
| 1333-86-4      | Carbon Black                      | >10000 mg/kg Rat | >2000 mg/kg Rabbit | N.E.              |
| 8052-41-3      | Stoddard Solvent                  | N.E.             | >3000 mg/kg Rabbit | 25                |
| 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 Considerations

**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 Hazardous Substance, liquid, n.o.s. (Epoxy Resin) | Environmentally Hazardous Substance, liquid, n.o.s. (Epoxy 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:

Skin Corrosion or Irritation, Respiratory or Skin Sensitization, 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:

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: 43 g/L

SDS REVISION DATE: 2/20/2025

**REASON FOR REVISION:**

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

Product Composition 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.

# Safety Data Sheet



## 1. Identification

**Name on Label:** No Information

**Product Name:** CPS 2-GL 8000 OVERKRETES-B **Revision Date:** 2/16/2023

**Product Identifier:** 238773 **Supersedes Date:** 12/9/2020

**Recommended Use:** Floor Coating/Activator Part B

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

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

Rust-Oleum Canada (ROCA)  
200 Confederation Parkway  
Concord, ON L4K 4T8  
Canada  
Emergency Phone: 800-387-3625

**Preparer:** Regulatory Department

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

## 2. Hazard Identification

### Classification

#### Symbol(s) of Product



#### Signal Word

Danger

#### Possible Hazards

41% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### 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 1             | H314 | Causes severe skin burns and eye damage.                           |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction.                               |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.  |
| Reproductive Toxicity, category 2      | H361 | Suspected of damaging fertility or the unborn child.               |
| STOT, Repeated Exposure, category 2    | H373 | May cause damage to organs through prolonged or repeated exposure. |

#### GHS Label Precautionary Statements

|      |   |
|------|---|
| P201 | Obtain special instructions before use.         |
| P260 | Do not breathe dust/fume/gas/mist/vapors/spray. |
| P264 | Wash hands 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.   |
| 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.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.   |
| 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.                                       |

**GHS SDS Precautionary Statements**

|      |   |
|------|---|
| 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.%<br/>Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|--|----------------|-----------------------|--------------------|-----------------------|
| Formaldehyde, Polymer With Benzenamine, Hydrogenated | 135108-88-2    | 15-40                 | GHS05-GHS07        | H302-312-314          |
| Benzyl Alcohol                                       | 100-51-6       | 10-30                 | GHS07              | H302-312-320-332      |
| 4-Nonylphenol, Branched                              | 84852-15-3     | 3.0-7.0               | GHS05-GHS07-GHS08  | H302-312-314-361      |
| Tetraethylenepentamine                               | 112-57-2       | 3.0-7.0               | GHS05-GHS06-GHS07  | H311-314-317          |
| Organic Acid   | PROPRIETARY    | 1.0-5.0               | Not Available      | Not Available         |
| 4,4'-Methylene-bis-Cyclohexylamine                   | 1761-71-3      | 1.0-5.0               | GHS05-GHS07-GHS08  | H302-314-317-373      |

Actual concentrations of ingredients are withheld as trade secret.

### 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:** 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. 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:** Dry Chemical, Water Fog

**Unusual Fire and Explosion Hazards:** Combustion generates toxic fumes of carbon monoxide, carbon dioxide and other gases. Keep containers tightly closed.

**Special Fire Fighting Procedures:** Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. 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

**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>).

## 7. Handling and Storage

**Handling:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and laundry 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 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. 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 |
|--|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Formaldehyde, Polymer With Benzenamine, Hydrogenated | 135108-88-2 | 40.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Benzyl Alcohol                                       | 100-51-6    | 25.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| 4-Nonylphenol, Branched                              | 84852-15-3  | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Tetraethylenepentamine                               | 112-57-2    | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Organic Acid   | PROPRIETARY | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| 4,4'-Methylene-bis-Cyclohexylamine                   | 1761-71-3   | 5.0                   | 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 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                              | No Information              | pH                                     | 9-11              |
| Odor                               | Amine                       | 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                  | 196 - 222                   | Vapor Pressure                         | N.D.              |
| Flammability                       | Does not Support Combustion | Evaporation Rate                       | Slower than Ether |
| Lower Explosion Limit, vol%        | N.A.                        | Specific Gravity                       | 1.026             |
| Upper Explosion Limit, vol%        | N.A.                        | Vapor Density                          | Heavier than Air  |
| Flash Point, °C                    | 104                         | 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 all possible sources of ignition. Avoid contact with metals.**Incompatibility:** Incompatible with strong oxidizing agents, strong acids and strong alkalies. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.**Hazardous Decomposition:** By open flame, carbon monoxide and carbon dioxide. 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. Causes eye burns. Substance causes severe eye irritation. Injury may be permanent.**Effects of Overexposure - Skin Contact:** Contact causes skin irritation. 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.**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:** Can burn mouth, throat and stomach. Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Substance may be harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.**Effects of Overexposure - Chronic Hazards:** Prolonged or repeated overexposure may cause lung damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or 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, 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  |
|-------------|--|----------------|--------------------|-------------|
| 135108-88-2 | Formaldehyde, Polymer With Benzenamine, Hydrogenated | 500 mg/kg Rat  | >1000 mg/kg Rabbit | 25          |
| 100-51-6    | Benzyl Alcohol                                       | 1230 mg/kg Rat | 2000 mg/kg Rabbit  | 11 mg/L Rat |
| 84852-15-3  | 4-Nonylphenol, Branched                              | 1300 mg/kg Rat | 2000 mg/kg Rabbit  | 25 mg/L     |

|           |                                    |                |                  |           |
|-----------|------------------------------------|----------------|------------------|-----------|
| 112-57-2  | Tetraethylenepentamine             | 3990 mg/kg Rat | 660 mg/kg Rabbit | 2500 mg/L |
| 1761-71-3 | 4,4'-Methylene-bis-Cyclohexylamine | 1000 mg/kg Rat | 2500 mg/kg Rat   | 25        |

N.E. - Not Established

## 12. Ecological Information

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

## 13. Disposal Considerations

**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>              |
|-----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 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:        | III                              | III                              | III                              | III                              |
| 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), Reproductive toxicity, 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:

| <u>Chemical Name</u>    | <u>CAS-No.</u> |
|-------------------------|----------------|
| 4-Nonylphenol, Branched | 84852-15-3     |

#### 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:** 3\*      **Flammability:** 1      **Physical Hazard:** 0      **Personal Protection:** X

**NFPA RATINGS**

**Health:** 3      **Flammability:** 1      **Instability:** 0

**Volatile Organic Compounds:** 59 g/L

**SDS REVISION DATE:** 2/16/2023

**REASON FOR REVISION:** Substance and/or Product Properties Changed in  
Section(s):  
01 - Identification  
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

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.