



Revision Date: 5/8/2026

## Citadel Flooring Multi Component Product Information Sheet

**404384 NVE 830 V SAFETY GREEN 4 GAL KIT is a multi component product composed of the following individual chemical components:**

406492                      INDFLR GEN 100SLD NVLC EPOXY V SFGRN 3GA

406555                      INDFLR GEN 100SLD NVLC EPOXY V 1G 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>              |
|--------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <b>UN Number:</b>                                      | 3066                             | 3066                             | 3066                             | 3066                             |
| <b>Proper Shipping Name:</b>                           | Paint and Paint Related Material | Paint and Paint Related Material | Paint and Paint Related Material | Paint and Paint Related Material |
| <b>Hazard Class:</b>                                   | 8                                | 8                                | 8                                | 8                                |
| <b>Packing Group:</b>                                  | II                               | II                               | II                               | II                               |
| <b>Limited Quantity:</b>                               | No                               | No                               | Cargo Aircraft Only              | No                               |
| <b>Finished Good Schedule B Harmonized Tariff Code</b> | 3907.30.0000                     |                                  |                                  |                                  |

# Safety Data Sheet



## 1. Identification

|                             |                                                                                                                         |                         |                                                                                |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------|
| <b>Name on Label:</b>       | 100 Solids Epoxy Novolac Vertical Safety Green                                                                          |                         |                                                                                |
| <b>Product Name:</b>        | INDFLR GEN 100SLD NVLC EPOXY V SFGRN 3GA                                                                                | <b>Revision Date:</b>   | 4/22/2026                                                                      |
| <b>Product Identifier:</b>  | 406492                                                                                                                  | <b>Supersedes Date:</b> | New SDS                                                                        |
| <b>Recommended Use:</b>     | Industrial Flooring Coating                                                                                             |                         |                                                                                |
| <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

Danger

#### Possible Hazards

62% 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.       |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.                  |
| Germ Cell Mutagenicity, category 1B    | H340 | May cause genetic defects.           |
| Carcinogenicity, category 1B           | H350 | May cause cancer.                    |

#### GHS Label Precautionary Statements

P201 Obtain special instructions before use.

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P261           | Avoid breathing dust, fumes, gas, mists, vapours, or 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, and 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.                                                       |
| 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.                                                                                     |
| P312           | Call a POISON CENTER or physician if you feel unwell.                                                                            |
| 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.                                                                         |
| P405           | Store locked up.                                                                                                                 |
| 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>  |
|----------------------------------------------------------------------|----------------|------------------------|--------------------|------------------------|
| Formaldehyde, Polymer with (Chloromethyl) Oxirane and Phenol         | 9003-36-5      | 45-70                  | GHS07              | H302-315-317           |
| Kaolin Clay                                                          | 1332-58-7      | 7.0-13                 | Not Available      | Not Available          |
| Benzyl Alcohol                                                       | 100-51-6       | 5.0-10                 | GHS07              | H302+H312+H332-317-319 |
| Trimethylol Propane Triglycidyl Ether                                | 30499-70-8     | 3.0-7.0                | Not Available      | Not Available          |
| Bisphenol A Epoxy Resin                                              | 25085-99-8     | 3.0-7.0                | GHS07              | H315-317-319-335       |
| Titanium Dioxide                                                     | 13463-67-7     | 1.0-5.0                | Not Available      | Not Available          |
| Epichlorohydrin-Bisphenol A Resin                                    | 25068-38-6     | 1.0-5.0                | GHS07              | H315-317-319           |
| Amorphous Fumed Silica                                               | 112945-52-5    | 1.0-5.0                | Not Available      | Not Available          |
| 1,6-Hexanediol Diglycidyl Ether                                      | 16096-31-4     | 0.5-1.5                | GHS06-GHS07        | H301-315-317-319       |
| Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis (oxymethylene)]bis- | 17557-23-2     | 0.1-1.0                | GHS07              | H315-317               |
| Naphtha, Hydrotreated Heavy                                          | 64742-48-9     | 0.1-1.0                | GHS08              | H304-340-350           |
| Titanium Dioxide                                                     | 1317-70-0      | 0.1-1.0                | GHS08              | H351                   |
| Amorphous Silica                                                     | 7631-86-9      | 0.1-1.0                | Not Available      | Not Available          |

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, Dry Sand, Water Fog

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

**Special Fire Fighting Procedures:** Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. 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. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. 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:** 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-TWA | ACGIH TLV-STEL | OSHA PEL-TWA | OSHA PEL-CEILING |
|----------------------------------------------------------------------|-------------|-----------------------|---------------|----------------|--------------|------------------|
| Formaldehyde, Polymer with (Chloromethyl)Oxirane and Phenol          | 9003-36-5   | 55.0                  | N.E.          | N.E.           | N.E.         | N.E.             |
| Kaolin Clay                                                          | 1332-58-7   | 15.0                  | 2 mg/m3       | N.E.           | 15 mg/m3     | N.E.             |
| Benzyl Alcohol                                                       | 100-51-6    | 10.0                  | N.E.          | N.E.           | N.E.         | N.E.             |
| Trimethylol Propane Triglycidyl Ether                                | 30499-70-8  | 10.0                  | N.E.          | N.E.           | N.E.         | N.E.             |
| Bisphenol A Epoxy Resin                                              | 25085-99-8  | 10.0                  | N.E.          | N.E.           | N.E.         | N.E.             |
| Titanium Dioxide                                                     | 13463-67-7  | 5.0                   | 0.2 mg/m3     | N.E.           | 15 mg/m3     | N.E.             |
| Epichlorohydrin-Bisphenol A Resin                                    | 25068-38-6  | 5.0                   | N.E.          | N.E.           | N.E.         | N.E.             |
| Amorphous Fumed Silica                                               | 112945-52-5 | 5.0                   | N.E.          | N.E.           | N.E.         | N.E.             |
| 1,6-Hexanediol Diglycidyl Ether                                      | 16096-31-4  | 5.0                   | N.E.          | N.E.           | N.E.         | N.E.             |
| Oxirane, 2,2'-[[2,2-dimethyl-1,3-propanediyl]bis(oxymethylene)] bis- | 17557-23-2  | 1.0                   | N.E.          | N.E.           | N.E.         | N.E.             |
| Naphtha, Hydrotreated Heavy                                          | 64742-48-9  | 1.0                   | N.E.          | N.E.           | N.E.         | N.E.             |
| Titanium Dioxide                                                     | 1317-70-0   | 1.0                   | N.E.          | N.E.           | N.E.         | N.E.             |
| Amorphous Silica                                                     | 7631-86-9   | 1.0                   | N.E.          | N.E.           | 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 organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**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.

**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                              | Green                       | pH                                     | N.A.              |
| Odor                               | Solvent Like                | Kinematic Viscosity                    | N.D.              |
| Odor Threshold                     | 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 Explosion Limit, vol%        | 1.3                         | Specific Gravity                       | 1.270             |
| Upper Explosion 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 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. Irritating, and may injure eye tissue if not removed promptly. 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:** 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:

| <u>CAS-No.</u> | <u>Chemical Name</u>                                                | <u>Oral LD50</u>     | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|---------------------------------------------------------------------|----------------------|--------------------|-------------------|
| 9003-36-5      | Formaldehyde, Polymer with (Chloromethyl) Oxirane and Phenol        | 2000 mg/kg Rat       | N.E.               | N.E.              |
| 1332-58-7      | Kaolin Clay                                                         | 5500 mg/kg           | >5000 mg/kg Rat    | 25 mg/L           |
| 100-51-6       | Benzyl Alcohol                                                      | 1230 mg/kg Rat       | 2000 mg/kg Rabbit  | 11 mg/L Rat       |
| 30499-70-8     | Trimethylol Propane Triglycidyl Ether                               | 3398 mg/kg Rat       | >3170 mg/kg Rat    | N.E.              |
| 25085-99-8     | Bisphenol A Epoxy Resin                                             | >5000                | >20000             | >20               |
| 13463-67-7     | Titanium Dioxide                                                    | >2000 mg/kg Rat      | 6000               | N.E.              |
| 25068-38-6     | Epichlorohydrin-Bisphenol A Resin                                   | 11400 mg/kg Rat      | >5000              | 25 g/L            |
| 112945-52-5    | Amorphous Fumed Silica                                              | 3160 mg/kg Rat       | N.E.               | N.E.              |
| 16096-31-4     | 1,6-Hexanediol Diglycidyl Ether                                     | 300 - 2000 mg/kg Rat | N.E.               | N.E.              |
| 17557-23-2     | Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl) bis(oxyethylene)]bis- | 4500 mg/kg Rat       | >2000 mg/kg Rat    | N.E.              |
| 64742-48-9     | Naphtha, Hydrotreated Heavy                                         | >6000 mg/kg Rat      | >5000 mg/kg Rabbit | N.E.              |
| 1317-70-0      | Titanium Dioxide                                                    | >2000 mg/kg Rat      | N.E.               | N.E.              |
| 7631-86-9      | Amorphous Silica                                                    | 7900 mg/kg Rat       | >5000 mg/kg Rabbit | 25 mg/L           |

N.E. - Not Established

## 12. Ecological Information

**Ecological Information:** 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:

Carcinogenicity, Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Germ cell mutagenicity

### 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> |
|-------------------------------------------------------------------------|----------------|
| Pigment Green 7                                                         | 1328-53-6      |
| Copper phthalocyaninesulfonic acid,<br>dioctadecyldimethylammonium salt | 70750-63-9     |

### 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> |
|---------------------------------|----------------|
| 1,6-Hexanediol Diglycidyl Ether | 16096-31-4     |

## 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: 35 g/L

SDS REVISION DATE: 4/22/2026

REASON FOR REVISION:

**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:** 100 Solids Epoxy Vertical Part B

**Product Name:** INDFLR GEN 100SLD NVLC EPOXY V 1G B **Revision Date:** 4/29/2026

**Product Identifier:** 406555 **Supersedes Date:** New SDS

**Recommended Use:** Industrial Flooring Coating

**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

#### GHS Hazard Statements

|                                     |      |                                                                    |
|-------------------------------------|------|--------------------------------------------------------------------|
| Acute Toxicity, Oral, category 4    | H302 | Harmful if swallowed.                                              |
| Skin Corrosion, category 1          | H314 | Causes severe skin burns and eye damage.                           |
| Skin Sensitizer, category 1         | H317 | May cause an allergic skin reaction.                               |
| Serious Eye Damage, category 1      | H318 | Causes serious eye damage.                                         |
| 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, fumes, gas, mist, 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. |



|                                         |                                                                                                                                  |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 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 [or 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. |
| P310                                    | If exposed immediately call a POISON CENTER or doctor/physician.                                                                 |
| P321                                    | Specific treatment (see notice on this label).                                                                                   |
| P333+P313                               | If skin irritation or rash occurs: Get medical advice.                                                                           |
| P405                                    | Store locked up.                                                                                                                 |
| 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>  |
|------------------------------------|----------------|-------------------|--------------------|------------------------|
| 4,4'-Methylene-bis-Cyclohexylamine | 1761-71-3      | 45-70             | GHS05-GHS07-GHS08  | H302-314-317-318-373   |
| Mixed Cycloaliphatic Amines        | PROPRIETARY    | 15-40             | GHS05-GHS07-GHS08  | H302-314-317-373       |
| Benzyl Alcohol                     | 100-51-6       | 10-30             | GHS07              | H302+H312+H332-317-319 |
| Glycerin                           | 56-81-5        | 0.1-1.0           | Not Available      | Not Available          |

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:** 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. If swallowed, get medical attention.

### 5. Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Aqueous Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, 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 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.

**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. 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. Local authorities should be advised if significant spillages cannot be contained.

## 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. Do not swallow.

**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 |
|------------------------------------|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| 4,4'-Methylene-bis-Cyclohexylamine | 1761-71-3   | 50.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Mixed Cycloaliphatic Amines        | PROPRIETARY | 40.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Benzyl Alcohol                     | 100-51-6    | 15.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Glycerin                           | 56-81-5     | 1.0                   | N.E.              | N.E.               | 15 mg/m3     | 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.

**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                              | Not Applicable              | pH                                     | N.A.              |
| Odor                               | Solvent Like                | Kinematic Viscosity                    | N.D.              |
| Odor Threshold                     | 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 - 320                   | Vapor Pressure                         | N.D.              |
| Flammability                       | Does not Support Combustion | Evaporation Rate                       | Slower than Ether |
| Lower Explosion Limit, vol%        | 1.3                         | Specific Gravity                       | 0.988             |
| Upper Explosion 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 all possible sources of ignition. 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:** 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 burns. Irritating, and may injure eye tissue if not removed promptly. High vapor concentrations can irritate eyes, nose and respiratory passages.

**Effects of Overexposure - Skin Contact:** Prolonged or repeated skin contact may cause irritation. Contact causes skin 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:** Can burn mouth, throat and stomach. Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

**Effects of Overexposure - Chronic Hazards:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. 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  |
|-----------|------------------------------------|-----------------|--------------------|-------------|
| 1761-71-3 | 4,4'-Methylene-bis-Cyclohexylamine | 380 mg/kg Rat   | 2500 mg/kg Rat     | 25          |
| 100-51-6  | Benzyl Alcohol                     | 1230 mg/kg Rat  | 2000 mg/kg Rabbit  | 11 mg/L Rat |
| 56-81-5   | Glycerin                           | 27200 mg/kg Rat | 10000 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>              |
|-----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 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                               |

### 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, Serious eye damage or eye irritation, 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.

### 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: 33 g/L

SDS REVISION DATE: 4/29/2026

REASON FOR REVISION:

**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.