



Revision Date: 5/4/2026

## Citadel Flooring Multi Component Product Information Sheet

**404280 PLE 100 HD TILE RED 100SQFT KIT is a multi component product composed of the following individual chemical components:**

406507 INDLFR GEN 100 SLD GP EPXY HD TR 100FTA

406558 INDLFR GEN 100 SLD GP EPOXY HD 100FT 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>                                      | N.A.                    | 3082                                                                                                                 | 3082                                                                                                                        | N.A.                |
| <b>Proper Shipping Name:</b>                           | Not Regulated           | Environmentally<br>Hazardous Substance,<br>Liquid, n.o.s (Epoxy<br>Resin, Polyamidoamine,<br>Tetraethylenepentamine) | Environmentally<br>Hazardous Substance,<br>Liquid, n.o.s (Epoxy<br>Resin,<br>Polyamidoamine,<br>Tetraethylenepentamin<br>e) | 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                  |
| <b>Finished Good Schedule B Harmonized Tariff Code</b> |                         | 3907.30.0000                                                                                                         |                                                                                                                             |                     |

# Safety Data Sheet



## 1. Identification

**Name on Label:** 100 Solids Epoxy Heavy Duty Tile Red

**Product Name:** INDLFR GEN 100 SLD GP EPXY HD TR 100FTA

**Product Identifier:** 406507

**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

**Revision Date:** 4/21/2026

**Supersedes Date:** New SDS

## 2. Hazard Identification

### Classification

#### Symbol(s) of Product



#### Signal Word

Warning

#### Possible Hazards

16% 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.                                   |

Generic 100 Solids Epoxy Heavy Duty Tile Red Part A

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     | 80-100                 | GHS07              | H315-317-319           |
| Benzyl Alcohol                                               | 100-51-6       | 10-30                  | GHS07              | H302+H312+H332-317-319 |
| Bisphenol A Epoxy Resin                                      | 25085-99-8     | 0.1-1.0                | GHS07              | H315-317-319-335       |
| Formaldehyde, Polymer with (Chloromethyl) Oxirane and Phenol | 9003-36-5      | 0.1-1.0                | GHS07              | H302-315-317           |
| 1,6-Hexanediol Diglycidyl Ether                              | 16096-31-4     | 0.1-1.0                | GHS06-GHS07        | H301-315-317-319       |

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. 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-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|-------------------------------------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Epichlorohydrin-Bisphenol A Resin                           | 25068-38-6 | 85.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Benzyl Alcohol                                              | 100-51-6   | 20.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Bisphenol A Epoxy Resin                                     | 25085-99-8 | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Formaldehyde, Polymer with (Chloromethyl)Oxirane and Phenol | 9003-36-5  | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| 1,6-Hexanediol Diglycidyl Ether                             | 16096-31-4 | 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.

**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                              | Red                         | 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                  | 204 - 260                   | Vapor Pressure                         | N.D.              |
| Flammability                       | Does not Support Combustion | Evaporation Rate                       | Slower than Ether |
| Lower Explosion Limit, vol%        | 1.3                         | Specific Gravity                       | 1.141             |
| 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:** 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  |
|------------|--------------------------------------------------------------|----------------------|-------------------|-------------|
| 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 |
| 25085-99-8 | Bisphenol A Epoxy Resin                                      | >5000                | >20000            | >20         |
| 9003-36-5  | Formaldehyde, Polymer with (Chloromethyl) Oxirane and Phenol | 2000 mg/kg Rat       | N.E.              | N.E.        |
| 16096-31-4 | 1,6-Hexanediol Diglycidyl Ether                              | 300 - 2000 mg/kg Rat | N.E.              | N.E.        |

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

## 14. Transport Information

|                              | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u>                                               | <u>Air (IATA)</u>                                                         | <u>TDG (Canada)</u> |
|------------------------------|-------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------|
| <b>UN Number:</b>            | N.A.                    | 3082                                                                      | 3082                                                                      | N.A.                |
| <b>Proper Shipping Name:</b> | Not Regulated           | Environmentally<br>Hazardous Substance,<br>Liquid, n.o.s (Epoxy<br>Resin) | Environmentally<br>Hazardous Substance,<br>Liquid, n.o.s (Epoxy<br>Resin) | Not Regulated       |
| <b>Hazard Class:</b>         | N.A.                    | 9                                                                         | 9                                                                         | N.A.                |
| <b>Packing Group:</b>        | N.A.                    | III                                                                       | III                                                                       | N.A.                |
| <b>Limited Quantity:</b>     | No                      | No                                                                        | No                                                                        | No                  |

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

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

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:

| <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:** 50 g/L

**SDS REVISION DATE:** 4/21/2026

**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 Heavy Duty Part B

**Product Name:** INDLFR GEN 100 SLD GP EPOXY HD 100FT B **Revision Date:** 4/29/2026

**Product Identifier:** 406558 **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

#### Possible Hazards

81% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS Hazard Statements

|                                    |      |                                           |
|------------------------------------|------|-------------------------------------------|
| Acute Toxicity, Dermal, category 4 | H312 | Harmful in contact with skin.             |
| Skin Corrosion, category 1B        | 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.                |
| Reproductive Toxicity, category 1B | H360 | May damage fertility or the unborn child. |

#### GHS Label Precautionary Statements

|      |                                                           |
|------|-----------------------------------------------------------|
| P201 | Obtain special instructions before use.                   |
| P260 | Do not breathe dust, fumes, gas, mist, vapours, or spray. |
| P264 | Wash thoroughly after handling.                           |

Generic 100 Solids Epoxy Heavy Duty Part B Part B

|                                         |                                                                                                                                  |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 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. |
| P308+P313                               | IF exposed or concerned: Get medical advice.                                                                                     |
| 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.                                                                           |
| P361+P364                               | Take off immediately all 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.                                   |
| <b>GHS SDS Precautionary Statements</b> |                                                                                                                                  |
| 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> |
|-------------------------------------|----------------|------------------------|--------------------|-----------------------|
| Modified Amidoamine                 | PROPRIETARY    | 80-100                 | Not Available      | Not Available         |
| 4,4'-(1-Methylethylidene) Bisphenol | 80-05-7        | 7.0-13                 | GHS05-GHS07-GHS08  | H317-318-335-360      |
| Tetraethylenepentamine              | 112-57-2       | 5.0-10                 | GHS05-GHS06-GHS07  | H311-314-317-318      |

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:** Keep containers tightly closed.

Generic 100 Solids Epoxy Heavy Duty Part B Part B

**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. 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. Do not swallow.

**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-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|----------------------------------------|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Modified Amidoamine                    | PROPRIETARY | 85.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| 4,4'-(1-Methylethylidene)<br>Bisphenol | 80-05-7     | 15.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Tetraethylenepentamine                 | 112-57-2    | 10.0                  | 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.

**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. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**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                              | 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                  | 200 - 201                   | Vapor Pressure                         | N.D.              |
| Flammability                       | Does not Support Combustion | Evaporation Rate                       | Slower than Ether |
| Lower Explosion Limit, vol%        | N.A.                        | Specific Gravity                       | 0.962             |
| Upper Explosion Limit, vol%        | N.A.                        | 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:** 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. Substance is corrosive. Causes severe skin burns. May be absorbed through the skin in harmful amounts. Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Harmful if absorbed through the skin. 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:** Prolonged or repeated skin contact may cause dermatitis. May cause genetic defects. May damage fertility or the unborn child.

**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 |
|--------------|-------------------------------------|----------------|-------------------|------------|
| PROPRIETA RY | Modified Amidoamine                 | N.E.           | N.E.              | 2500 mg/L  |
| 80-05-7      | 4,4'-(1-Methylethylidene) Bisphenol | 3300 mg/kg Rat | 3000 mg/kg Rabbit | 2100 mg/L  |
| 112-57-2     | Tetraethylenepentamine              | 3990 mg/kg Rat | 659 mg/kg Rabbit  | 2500 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<br>Hazardous Substance,<br>Liquid, n.o.s<br>(Polyamidoamine,<br>Tetraethylenepentamine) | Environmentally<br>Hazardous Substance,<br>Liquid, n.o.s<br>(Polyamidoamine,<br>Tetraethylenepentamin<br>e) | Not Regulated       |
| <b>Hazard Class:</b>         | N.A.                    | 9                                                                                                       | 9                                                                                                           | N.A.                |
| <b>Packing Group:</b>        | N.A.                    | III                                                                                                     | III                                                                                                         | N.A.                |
| <b>Limited Quantity:</b>     | No                      | No                                                                                                      | No                                                                                                          | No                  |

### 15. Regulatory Information

#### U.S. Federal Regulations:

##### CERCLA - SARA Hazard Category

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

Acute Toxicity (any route of exposure), Reproductive toxicity, 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:

| <u>Chemical Name</u>                | <u>CAS-No.</u> |
|-------------------------------------|----------------|
| 4,4'-(1-Methylethylidene) Bisphenol | 80-05-7        |

##### Toxic Substances Control Act

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

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:** 0 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.