

# Safety Data Sheet



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## 1. Identification

|                             |   |                         |  |
|-----------------------------|---|-------------------------|--|
| <b>Product Name:</b>        | CIT - 2-GL 1PK UL80 GLOSS PART A  | <b>Revision Date:</b>   | 6/24/2024  |
| <b>Product Identifier:</b>  | 355838  | <b>Supersedes Date:</b> | 1/13/2022  |
| <b>Recommended Use:</b>     | Floor Coating/Part A  |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA<br><br>Rust-Oleum Canada (ROCA)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada<br>Emergency Phone: 800-387-3625 | <b>Manufacturer:</b>    | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA<br>Phone: +1 (847) 367-7700 |
| <b>Preparer:</b>            | Regulatory Department   |                         |  |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700   |                         |  |

## 2. Hazards Identification

### Classification

#### Symbol(s) of Product



#### Signal Word

Danger

#### GHS Hazard Statements

|  |      |  |
|--|------|--|
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.  |
| Flammable liquid, category 4           | H227 | Combustible liquid   |
| Respiratory Sensitizer, category 1     | H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction.                                       |
| STOT, Single Exposure, category 3, RTI | H335 | May cause respiratory irritation.  |

#### GHS Label Precautionary Statements

|           |  |
|-----------|--|
| P210      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P261      | Avoid breathing dust/fume/gas/mist/vapours/spray.  |
| P271      | Use only outdoors or in a well-ventilated area.  |
| P272      | Contaminated work clothing should not be allowed out of the workplace.                         |
| P280      | Wear protective gloves / protective clothing / eye protection / face protection.               |
| P284      | [In case of inadequate ventilation] wear respiratory 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.                     |

|           |  |
|-----------|--|
| P317      | Get medical help.  |
| P321      | Specific treatment (see notice on this label).   |
| P333+P317 | If skin irritation or rash occurs: Get medical help.   |
| P342+P316 | If experiencing respiratory symptoms: Get emergency medical help immediately.                  |
| P362+P364 | Take off contaminated clothing and wash it before reuse.                                       |
| P370+P378 | In case of fire: Extinguish using suitable extinguishing media.                                |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed.                               |
| P403+P235 | Store in a well-ventilated place. Keep cool.   |
| P405      | Store locked up.   |
| P501      | Dispose of contents and container in accordance with local, regional and national regulations. |

### 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>        |
|---|----------------|-------------------|--------------------|------------------------------|
| Hexamethylene Diisocyanate Homopolymer              | 28182-81-2     | 50-75             | GHS07-GHS08        | H317-332-334-335             |
| Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate | 88917-22-0     | 10-25             | Not Available      | Not Available                |
| Dimethyl Glutarate                                  | 1119-40-0      | 2.5-10            | Not Available      | Not Available                |
| Dimethyl Adipate                                    | 627-93-0       | 1.0-2.5           | Not Available      | Not Available                |
| Hexamethylene Diisocyanate                          | 822-06-0       | 0.1-1.0           | GHS06-GHS07-GHS08  | H302-315-317-319-330-334-335 |

### 4. First-Aid Measures

**First Aid - Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

**First Aid - Skin Contact:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. 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.

### 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. No unusual fire or explosion hazards noted.

**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.

**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:** If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers. 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.

## 7. Handling and Storage

**Handling:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin and clothing.

**Storage:** 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 |
|---|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Hexamethylene Diisocyanate Homopolymer              | 28182-81-2 | 75.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate | 88917-22-0 | 25.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Dimethyl Glutarate                                  | 1119-40-0  | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Dimethyl Adipate                                    | 627-93-0   | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Hexamethylene Diisocyanate                          | 822-06-0   | 1.0                   | 0.005 ppm         | N.E.               | N.E.         | N.E.                 |

### PERSONAL PROTECTION

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**Respiratory Protection:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. 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

|                                 |                     |   |           |
|---------------------------------|---------------------|---|-----------|
| <b>Appearance:</b>              | Liquid              | <b>Physical State:</b>                              | Liquid    |
| <b>Odor:</b>                    | Solvent Like        | <b>Odor Threshold:</b>                              | N.E.      |
| <b>Specific Gravity:</b>        | 1.109               | <b>pH:</b>  | N.A.      |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                                   | N.D.      |
| <b>Solubility in Water:</b>     | None                | <b>Partition Coefficient, n-octanol/<br/>water:</b> | N.D.      |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                      | 1.2 - 5.4 |
| <b>Boiling Range, °C:</b>       | 203 - 537           | <b>Flash Point, °C:</b>                             | 87        |
| <b>Flammability:</b>            | Supports Combustion | <b>Auto-Ignition Temp., °C:</b>                     | N.D.      |
| <b>Evaporation Rate:</b>        | Slower than Ether   | <b>Vapor Pressure:</b>                              | N.D.      |
| <b>Vapor Density:</b>           | Heavier than Air    |   |           |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**Conditions to Avoid:** Avoid excess heat. Avoid contact with moisture.

**Incompatibility:** Incompatible with strong oxidizing agents, strong acids and strong alkalies. Avoid contact with water.

**Hazardous Decomposition:** When heated to decomposition, it emits acrid smoke and irritating fumes.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Stability:** Sensitive to moisture.

## 11. Toxicological Information

**Effects of Overexposure - Eye Contact:** Irritating, and may injure eye tissue if not removed promptly.

**Effects of Overexposure - Skin Contact:** Prolonged or repeated skin contact may cause irritation. 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). Low hazard for usual industrial handling or commercial handling by trained personnel.

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

**Effects of Overexposure - Ingestion:** Substance may be harmful if swallowed.

**Effects of Overexposure - Chronic Hazards:** Individuals with lung or breathing problems or prior reaction to isocyanates must not be exposed to vapor or spray mist. Vapor and spray mist harmful. Overexposure may cause lung damage. May cause allergic skin and respiratory reaction, effects may be permanent. 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    |
|------------|---|-----------------|--------------------|---------------|
| 28182-81-2 | Hexamethylene Diisocyanate Homopolymer              | N.E.            | >2000 mg/kg Rat    | 18.5 mg/L Rat |
| 88917-22-0 | Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate | N.E.            | >5000 mg/kg Rabbit | 25 mg/L Rat   |
| 1119-40-0  | Dimethyl Glutarate                                  | >5000 mg/kg Rat | >5000 mg/kg Rabbit | 25 mg/L       |
| 627-93-0   | Dimethyl Adipate                                    | >5000 mg/kg Rat | >5000 mg/kg Rabbit | >20 mg/L      |
| 822-06-0   | Hexamethylene Diisocyanate                          | 738 mg/kg Rat   | >7000 mg/kg Rat    | 0.06 mg/L Rat |

N.E. - Not Established

## 12. Ecological Information

**Ecological Information:** No ecotoxicity data was found for this product.

## 13. Disposal Information

**Disposal:** Dispose of material in accordance to local, state, and federal regulations and ordinances.

## 14. Transport Information

|                       | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|-----------------------|-------------------------|-----------------------------|-------------------|---------------------|
| UN Number:            | N.A.                    | N.A.                        | N.A.              | N.A.                |
| Proper Shipping Name: | Not Regulated           | Not Regulated               | Not Regulated     | Not Regulated       |
| Hazard Class:         | N.A.                    | N.A.                        | N.A.              | N.A.                |
| Packing Group:        | N.A.                    | N.A.                        | N.A.              | N.A.                |
| Limited Quantity:     | 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:

Flammable (gases, aerosols, liquids, or solids), Acute Toxicity (any route of exposure), Respiratory or Skin Sensitization, Specific target organ toxicity (single or repeated exposure)

**SARA Section 313**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

**Chemical Name**

Hexamethylene Diisocyanate

**CAS-No.**

822-06-0

**Toxic Substances Control Act**

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

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

**U.S. State Regulations:****California Proposition 65****WARNING:**

No Prop. 65 warning is required.

**16. Other Information****HMIS RATINGS**

Health: 2\*      Flammability: 2      Physical Hazard: 0      Personal Protection: X

**NFPA RATINGS**

Health: 2      Flammability: 2      Instability: 0

Volatile Organic Compounds: 323 g/L

SDS REVISION DATE: 6/24/2024

REASON FOR REVISION: Substance and/or Product Properties Changed in Section(s):  
03 - Composition / Information on Ingredients  
05 - Fire-Fighting Measures  
11 - Toxicological Information  
14 - Transport Information  
16 - Other Information  
Substance Hazard Threshold % Changed  
Revision Statement(s) Changed

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

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