



Revision Date: 4/18/2024

## Rust-Oleum Industrial Flooring Multi Component Product Information Sheet

**393772 GUARDIAN UV FLEXIBLE CRACK REPAIR is a multi component product composed of the following individual chemical components:**

393772A GUARDIAN UV FLEXIBLE CRACK REPAIR PART A

393772B GUARDIAN UV FLEXIBLE CRACK REPAIR PART B

SDSs for each component follow this cover sheet.

### Transportation Information

|   | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|---|-------------------------|-----------------------------|-------------------|---------------------|
| UN Number:                                      | 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                  |
| Finished Good Schedule B Harmonized Tariff Code | 2929.10.8050            |                             |                   |                     |

# Safety Data Sheet



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## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | GUARDIAN UV FLEXIBLE CRACK REPAIR PART A   | <b>Revision Date:</b>   | 4/18/2024  |
| <b>Product Identifier:</b>  | 393772A  | <b>Supersedes Date:</b> | New SDS  |
| <b>Recommended Use:</b>     | Joint Floor Filler Part A  |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Industrial Flooring<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Industrial Flooring<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| <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

|  |      |  |
|--|------|--|
| 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.  |
| Respiratory Sensitizer, category 1     | H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| STOT, Single Exposure, category 3, RTI | H335 | May cause respiratory irritation.  |
| Carcinogenicity, category 2            | H351 | Suspected of causing cancer.   |
| STOT, Repeated Exposure, category 2    | H373 | May cause damage to organs through prolonged or repeated exposure.         |

#### GHS Label Precautionary Statements

|      |  |
|------|--|
| P201 | Obtain special instructions before use.  |
| P260 | Do not breathe dust/fumes/gas/mist/vapours/spray.                                |
| P264 | Wash thoroughly after handling.  |
| P271 | Use only outdoors or in a well-ventilated area.                                  |
| P272 | Contaminated work clothing should not be allowed out of the workplace.           |
| P280 | Wear protective gloves / protective clothing / eye protection / face protection. |
| P284 | [In case of inadequate ventilation] wear respiratory protection.                 |

|                |  |
|----------------|--|
| P321           | Specific treatment (see notice on this label).   |
| P405           | Store locked up.   |
| P501           | Dispose of contents and container in accordance with local, regional and national regulations.                                   |
| 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/attention.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P317           | Get medical help.  |
| P319           | Get medical help if you feel unwell.   |
| P332+P317      | If skin irritation occurs: Get medical help.   |
| P333+P317      | If skin irritation or rash occurs: Get medical help.   |
| P337+P317      | If eye irritation persists: Get medical help.  |
| P342+P316      | If experiencing respiratory symptoms: Get emergency medical help immediately.  |

### 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>            |
|---|----------------|-----------------------|--------------------|----------------------------------|
| 4,4'-Diphenylmethane Diisocyanate (MDI) | 101-68-8       | 10-25                 | GHS07-GHS08        | H315-317-319-332-334-335-351-373 |
| Diphenylmethane Diisocyanate            | 26447-40-5     | 10-25                 | GHS07-GHS08        | H315-317-319-332-334-335-351-373 |

### 4. First-Aid Measures

**First Aid - Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. 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:** Dry Chemical, Dry Sand

**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-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|---|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| 4,4'-Diphenylmethane Diisocyanate (MDI) | 101-68-8   | 20.0                  | 0.005 ppm         | N.E.               | N.E.         | 0.02 ppm             |
| Diphenylmethane Diisocyanate            | 26447-40-5 | 20.0                  | N.E.              | N.E.               | N.E.         | 0.02 ppm             |

### 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 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>                    | Mild                        | <b>Odor Threshold:</b>                              | N.E.        |
| <b>Specific Gravity:</b>        | 0.165                       | <b>pH:</b>  | N.A.        |
| <b>Freeze Point, °C:</b>        | N.D.                        | <b>Viscosity:</b>                                   | N.D.        |
| <b>Solubility in Water:</b>     | Negligible                  | <b>Partition Coefficient, n-octanol/<br/>water:</b> | N.D.        |
| <b>Decomposition Temp., °C:</b> | N.D.                        | <b>Explosive Limits, vol%:</b>                      | N.A. - N.A. |
| <b>Boiling Range, °C:</b>       | 301 - 537                   | <b>Flash Point, °C:</b>                             | 163         |
| <b>Flammability:</b>            | Does not Support 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 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:** 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, 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> |
|----------------|---|------------------|---------------------|-------------------|
| 101-68-8       | 4,4'-Diphenylmethane Diisocyanate (MDI) | 31600 mg/kg Rat  | N.E.                | N.E.              |
| 26447-40-5     | Diphenylmethane Diisocyanate            | >10000 mg/kg Rat | >10000 mg/kg Rabbit | N.E.              |

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. 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:            | 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:

Carcinogenicity, 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:

| <u>Chemical Name</u>                    | <u>CAS-No.</u> |
|---|----------------|
| 4,4'-Diphenylmethane Diisocyanate (MDI) | 101-68-8       |
| Diphenylmethane Diisocyanate            | 26447-40-5     |

#### Toxic Substances Control Act

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

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

### U.S. State Regulations:

#### California Proposition 65

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

## 16. Other Information

#### HMIS RATINGS

Health: 2\* Flammability: 1 Physical Hazard: 0 Personal Protection: X

#### NFPA RATINGS

Health: 2 Flammability: 1 Instability: 0

Volatile Organic Compounds: 0 g/L

SDS REVISION DATE: 4/18/2024

REASON FOR REVISION:

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

Rust-Oleum Industrial Flooring believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Industrial Flooring 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



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## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | GUARDIAN UV FLEXIBLE CRACK REPAIR PART B   | <b>Revision Date:</b>   | 4/18/2024  |
| <b>Product Identifier:</b>  | 393772B  | <b>Supersedes Date:</b> | New SDS  |
| <b>Recommended Use:</b>     | Joint Floor Filler Part B  |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Industrial Flooring<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Industrial Flooring<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| <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

#### Possible Hazards

7% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS Hazard Statements

|  |      |  |
|--|------|--|
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction.                               |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.  |
| Reproductive Toxicity, category 1B     | H360 | May damage fertility or the unborn child.                          |
| STOT, Repeated Exposure, category 2    | H373 | May cause damage to organs through prolonged or repeated exposure. |

#### GHS Label Precautionary Statements

|           |  |
|-----------|--|
| P201      | Obtain special instructions before use.  |
| P260      | Do not breathe dust/fumes/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.               |
| P321      | Specific treatment (see notice on this label).   |
| P405      | Store locked up.   |
| P501      | Dispose of contents and container in accordance with local, regional and national regulations. |
| 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.                     |

GUARDIAN UV FLEXIBLE CRACK REPAIR Part B

P308+P313

IF exposed or concerned: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

P317

Get medical help.

P319

Get medical help if you feel unwell.

P333+P317

If skin irritation or rash occurs: Get medical help.

### 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> |
|------------------------------------|----------------|-------------------|--------------------|-----------------------|
| Diisodecyl Phthalate               | 26761-40-0     | 50-75             | GHS07              | H332                  |
| Diethyltoluenediamine              | 68479-98-1     | 2.5-10            | GHS07-GHS08        | H302+H312-319-373     |
| Amorphous Silica                   | 7631-86-9      | 2.5-10            | Not Available      | Not Available         |
| Hydrous Magnesium Silicate         | 14807-96-6     | 2.5-10            | Not Available      | Not Available         |
| Tetrahydroxypropyl Ethylenediamine | 102-60-3       | 2.5-10            | Not Available      | Not Available         |
| Polymeric Benzotriazole            | 104810-48-2    | 0.1-1.0           | GHS07              | H317                  |
| Polymeric Benzotriazole            | 104810-47-1    | 0.1-1.0           | GHS07              | H317                  |
| Titanium Dioxide                   | 13463-67-7     | 0.1-1.0           | Not Available      | Not Available         |
| Dibutyltin Dilaurate               | 77-58-7        | 0.1-1.0           | GHS06-GHS08        | H300-341-360-372      |

### 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:** Dry Chemical, Dry Sand

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

## 7. Handling and Storage

**Handling:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only 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 |
|---------------------------------------|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Diisodecyl Phthalate                  | 26761-40-0  | 75.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Diethyltoluenediamine                 | 68479-98-1  | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Amorphous Silica                      | 7631-86-9   | 5.0                   | N.E.              | N.E.               | 50 µg/m3     | N.E.                 |
| Hydrous Magnesium Silicate            | 14807-96-6  | 5.0                   | 2 mg/m3           | N.E.               | 20 mppcf     | N.E.                 |
| Tetrahydroxypropyl<br>Ethylenediamine | 102-60-3    | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Polymeric Benzotriazole               | 104810-48-2 | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Polymeric Benzotriazole               | 104810-47-1 | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Titanium Dioxide                      | 13463-67-7  | 1.0                   | 0.2 mg/m3         | N.E.               | 15 mg/m3     | N.E.                 |
| Dibutyltin Dilaurate                  | 77-58-7     | 1.0                   | 0.1 mg/m3         | 0.2 mg/m3          | 0.1 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 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>                    | Mild                        | <b>Odor Threshold:</b>                              | N.E.        |
| <b>Specific Gravity:</b>        | 1.025                       | <b>pH:</b>  | N.A.        |
| <b>Freeze Point, °C:</b>        | N.D.                        | <b>Viscosity:</b>                                   | N.D.        |
| <b>Solubility in Water:</b>     | Slight                      | <b>Partition Coefficient, n-octanol/<br/>water:</b> | N.D.        |
| <b>Decomposition Temp., °C:</b> | N.D.                        | <b>Explosive Limits, vol%:</b>                      | N.A. - N.A. |
| <b>Boiling Range, °C:</b>       | -18 - 2,230                 | <b>Flash Point, °C:</b>                             | 94          |
| <b>Flammability:</b>            | Does not Support 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.

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

**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:** 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. Constituents of this product include crystalline silica dust which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

**Effects of Overexposure - Ingestion:** Substance may be 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. May cause genetic defects. May damage fertility or the unborn child.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, 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> |
|----------------|------------------------------------|------------------|--------------------|-------------------|
| 26761-40-0     | Diisodecyl Phthalate               | 64000 mg/kg Rat  | >3160 mg/kg Rabbit | >12.54 mg/L Rat   |
| 68479-98-1     | Diethyltoluenediamine              | 485 mg/kg Rat    | N.E.               | N.E.              |
| 7631-86-9      | Amorphous Silica                   | 7900 mg/kg Rat   | >5000 mg/kg Rabbit | 25 mg/L           |
| 14807-96-6     | Hydrous Magnesium Silicate         | 6000             | N.E.               | 30                |
| 102-60-3       | Tetrahydroxypropyl Ethylenediamine | 11200 mg/kg Rat  | >2000 mg/kg Rat    | 25                |
| 13463-67-7     | Titanium Dioxide                   | >10000 mg/kg Rat | 6000               | N.E.              |
| 77-58-7        | Dibutyltin Dilaurate               | 45 mg/kg Rat     | >2000 mg/kg Rat    | N.E.              |

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 with 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:

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

**SARA Section 313**

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

No Sara 313 components exist in this product.

**Toxic Substances Control Act**

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

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

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

Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

**Health:** 2\*      **Flammability:** 1      **Physical Hazard:** 0      **Personal Protection:** X

**NFPA RATINGS**

**Health:** 2      **Flammability:** 1      **Instability:** 0

**Volatile Organic Compounds:** 0 g/L

**SDS REVISION DATE:** 4/18/2024

**REASON FOR REVISION:**

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

Rust-Oleum Industrial Flooring believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Industrial Flooring 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.