

# Safety Data Sheet



## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | RKSOLID KIT GREY BASE  | <b>Revision Date:</b>   | 8/17/2022  |
| <b>Product Identifier:</b>  | 60003A   | <b>Supersedes Date:</b> | New SDS  |
| <b>Recommended Use:</b>     | Epoxy Floor Coating  |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| <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

17% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS HAZARD STATEMENTS

|  |      |                                      |
|--|------|--------------------------------------|
| Carcinogenicity, category 1B           | H350 | May cause cancer.                    |
| Eye Irritation, category 2A            | H319 | Causes serious eye irritation.       |
| Germ Cell Mutagenicity, category 1B    | H340 | May cause genetic defects.           |
| STOT, Single Exposure, category 3, RTI | H335 | May cause respiratory irritation.    |
| Skin Irritation, category 2            | H315 | Causes skin irritation.              |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction. |

#### GHS LABEL PRECAUTIONARY STATEMENTS

|           |  |
|-----------|--|
| P201      | Obtain special instructions before use.                                    |
| P261      | Avoid breathing dust/fume/gas/mist/vapors/spray.                           |
| P264      | Wash hands thoroughly after handling.                                      |
| P271      | Use only outdoors or in a well-ventilated area.                            |
| P272      | Contaminated work clothing should not be allowed out of the workplace.     |
| P280      | Wear protective gloves/protective clothing/eye protection/face protection. |
| 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.   |
| P312           | Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P321           | For specific treatment see label.  |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.   |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.   |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P405           | Store locked up.   |
| P501           | Dispose of contents/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.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|---|----------------|-------------------|--------------------|-----------------------|
| Bisphenol A Epoxy Resin                                     | 25085-99-8     | 50-75             | GHS07              | H315-317-319-335      |
| Titanium Dioxide  | 13463-67-7     | 10-25             | Not Available      | Not Available         |
| 1-Chloro-4-(Trifluoromethyl)Benzene                         | 98-56-6        | 10-25             | GHS07              | H315-319-332-335      |
| Epichlorohydrin-Bisphenol A Resin                           | 25068-38-6     | 2.5-10            | GHS07              | H315-317-319-335      |
| Neopentyl Glycol Diglycidyl Ether                           | 17557-23-2     | 2.5-10            | GHS07              | H315-317              |
| Amorphous Silica  | 7631-86-9      | 0.1-1.0           | Not Available      | Not Available         |
| Naphtha (Petroleum), Heavy Alkylate                         | 64741-65-7     | 0.1-1.0           | GHS06-GHS08        | H304-331-340-350      |
| Formaldehyde, Polymer with (Chloromethyl)Oxirane and Phenol | 9003-36-5      | 0.1-1.0           | GHS07              | H302-315-317          |
| 2,6-Dimethyl-4-Heptanone                                    | 108-83-8       | 0.1-1.0           | GHS02-GHS06-GHS07  | H226-331-335          |

**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.

**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, rinse mouth with water. If feeling unwell, get medical attention. Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. 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:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

**SPECIAL FIREFIGHTING 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):** No Information

## 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

## 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 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 |
|---|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Bisphenol A Epoxy Resin   | 25085-99-8 | 60.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Titanium Dioxide  | 13463-67-7 | 15.0                  | 0.2 mg/m3         | N.E.               | 15 mg/m3     | N.E.                 |
| 1-Chloro-4-(Trifluoromethyl)<br>Benzene                           | 98-56-6    | 15.0                  | 2.5 mg/m3         | N.E.               | 2.5 mg/m3    | N.E.                 |
| Epichlorohydrin-Bisphenol A<br>Resin                              | 25068-38-6 | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Neopentyl Glycol Diglycidyl<br>Ether                              | 17557-23-2 | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Amorphous Silica  | 7631-86-9  | 1.0                   | N.E.              | N.E.               | 50 µg/m3     | N.E.                 |
| Naphtha (Petroleum), Heavy<br>Alkylate                            | 64741-65-7 | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Formaldehyde, Polymer with<br>(Chloromethyl)Oxirane and<br>Phenol | 9003-36-5  | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| 2,6-Dimethyl-4-Heptanone  | 108-83-8   | 1.0                   | 25 ppm            | N.E.               | 50 ppm       | 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.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**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>        | 1.265                       | <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/water:</b> | N.D.       |
| <b>Decomposition Temp., °C:</b> | N.D.                        | <b>Explosive Limits, vol%:</b>                 | 0.9 - 10.5 |
| <b>Boiling Range, °C:</b>       | 136 - 537                   | <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. Keep from freezing.

**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:** 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.

**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)

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

### ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u>   | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|--|------------------|--------------------|-------------------|
| 25085-99-8     | Bisphenol A Epoxy Resin                                      | >5000            | >20000             | >20               |
| 13463-67-7     | Titanium Dioxide   | >10000 mg/kg Rat | 6000               | N.E.              |
| 98-56-6        | 1-Chloro-4-(Trifluoromethyl)Benzene                          | 13000 mg/kg Rat  | >3300 mg/kg Rabbit | 33 mg/L Rat       |
| 25068-38-6     | Epichlorohydrin-Bisphenol A Resin                            | 11400 mg/kg Rat  | >5000              | 25 g/L            |
| 17557-23-2     | Neopentyl Glycol Diglycidyl Ether                            | 4500 mg/kg Rat   | >2000 mg/kg Rat    | N.E.              |
| 7631-86-9      | Amorphous Silica   | 7900 mg/kg Rat   | >5000 mg/kg Rabbit | 25 mg/L           |
| 64741-65-7     | Naphtha (Petroleum), Heavy Alkylate                          | >7000 mg/kg Rat  | >2000 mg/kg Rabbit | >5.04 mg/L Rat    |
| 9003-36-5      | Formaldehyde, Polymer with (Chloromethyl) Oxirane and Phenol | 2000 mg/kg Rat   | N.E.               | N.E.              |
| 108-83-8       | 2,6-Dimethyl-4-Heptanone                                     | 5750 mg/kg Rat   | >2000 mg/kg Rat    | N.E.              |

N.E. - Not Established

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components. No ecotoxicity data was found for this product.

## 13. Disposal 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:

Carcinogenicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure), Germ cell mutagenicity

#### SARA Section 313

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

| <u>Chemical Name</u>      | <u>CAS-No.</u> |
|---------------------------|----------------|
| Zinc ferrite brown spinel | 68187-51-9     |

#### Toxic Substances Control Act

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

| <u>Chemical Name</u>                | <u>CAS-No.</u> |
|-------------------------------------|----------------|
| 1-Chloro-4-(Trifluoromethyl)Benzene | 98-56-6        |

### U.S. State Regulations:

#### California Proposition 65

**WARNING:** Cancer - [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:** 8/17/2022

**REASON FOR REVISION:**

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

Rust-Oleum Corporation 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 Corporation 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.