

# Safety Data Sheet



## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | EPOXYS KIT 2.5 GARAGE WB GREY<br>RCBCPart B                                    | <b>Revision Date:</b>   | 12/18/2023   |
| <b>Product Identifier:</b>  | 266793B  | <b>Supersedes Date:</b> | 12/22/2015   |
| <b>Recommended Use:</b>     | Garage Floor Topcoat/Epoxy Part B  |                         |  |
| <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

39% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS HAZARD STATEMENTS

|                                |      |                                      |
|--------------------------------|------|--------------------------------------|
| Flammable Liquid, category 3   | H226 | Flammable liquid and vapour.         |
| Serious Eye Damage, category 1 | H318 | Causes serious eye damage.           |
| Skin Irritation, category 2    | H315 | Causes skin irritation.              |
| Skin Sensitizer, category 1    | H317 | May cause an allergic skin reaction. |

#### GHS LABEL PRECAUTIONARY STATEMENTS

|                |  |
|----------------|--|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.           |
| P233           | Keep container tightly closed.   |
| P261           | Avoid breathing dust/fume/gas/mist/vapours/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 / face protection.                         |
| 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]. |

|                |  |
|----------------|--|
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P316           | Get emergency medical help immediately.  |
| P321           | Specific treatment (see notice on this label).   |
| P332+P317      | If skin irritation occurs: Get medical help.   |
| P333+P317      | If skin irritation or rash occurs: Get medical help.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P370+P378      | In case of fire: Extinguish using suitable extinguishing media.  |
| P403+P235      | Store in a well-ventilated place. Keep cool.   |
| P501           | Dispose of contents and container in accordance with local, regional and national regulations.                                   |

**GHS SDS PRECAUTIONARY STATEMENTS**

|      |  |
|------|--|
| P240 | Ground and bond container and receiving equipment.                           |
| P241 | Use explosion-proof electrical, ventilating, lighting, or pouring equipment. |
| P242 | Use non-sparking tools.  |
| P243 | Take action to prevent static discharges.                                    |

**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> |
|--|----------------|-------------------|--------------------|-----------------------|
| Aliphatic Polyamine  | PROPRIETARY    | 10-25             | Not Available      | Not Available         |
| Titanium Dioxide   | 13463-67-7     | 10-25             | Not Available      | Not Available         |
| Kaolin Clay  | 1332-58-7      | 2.5-10            | Not Available      | Not Available         |
| 2-Propenenitrile, Reaction Products with 3-Amino-1,5,5-Trimethylcyclohexanemethanamine | 90530-15-7     | 2.5-10            | GHS05-GHS07        | H302-312-314-317      |
| Ethylene Glycol Monopropyl Ether   | 2807-30-9      | 2.5-10            | GHS06-GHS07        | H311-319-331          |
| Benzene-1,3-dimethanamine (MXDA)   | 1477-55-0      | 0.1-1.0           | GHS05-GHS07        | H302-312-314-317-332  |
| Isophorone Diamine   | 2855-13-2      | 0.1-1.0           | GHS05-GHS07        | H302-314-317          |
| Carbon Black   | 1333-86-4      | 0.1-1.0           | Not Available      | Not Available         |

**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. If swallowed, get medical attention. 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:** Closed containers may explode when exposed to extreme heat due to buildup of steam. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Combustible liquid and vapor.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. Evacuate area and fight fire from a safe distance. Containers can rupture and release highly toxic material if exposed to heat. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

**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:** Avoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Eliminate all ignition sources; use explosion-proof equipment. Place material in a container and dispose of according to local, provincial, state and federal regulations. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools.

## 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. Ground and bond containers when transferring material from one vessel to another. Vapor can be ignited by static discharge. 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. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat.

**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 |
|---|-------------|-----------------------|-----------------------|--------------------|-----------------------|----------------------|
| Aliphatic Polyamine   | PROPRIETARY | 20.0                  | N.E.                  | N.E.               | N.E.                  | N.E.                 |
| Titanium Dioxide  | 13463-67-7  | 20.0                  | 0.2 mg/m <sup>3</sup> | N.E.               | 15 mg/m <sup>3</sup>  | N.E.                 |
| Kaolin Clay   | 1332-58-7   | 5.0                   | 2 mg/m <sup>3</sup>   | N.E.               | 15 mg/m <sup>3</sup>  | N.E.                 |
| 2-Propenenitrile, Reaction<br>Products with 3-Amino-1,5,5-<br>Trimethylcyclohexanemethana<br>mine | 90530-15-7  | 5.0                   | N.E.                  | N.E.               | N.E.                  | N.E.                 |
| Ethylene Glycol Monopropyl<br>Ether   | 2807-30-9   | 5.0                   | N.E.                  | N.E.               | N.E.                  | N.E.                 |
| Benzene-1,3-dimethanamine<br>(MXDA)   | 1477-55-0   | 1.0                   | N.E.                  | N.E.               | N.E.                  | N.E.                 |
| Isophorone Diamine  | 2855-13-2   | 1.0                   | N.E.                  | N.E.               | N.E.                  | N.E.                 |
| Carbon Black  | 1333-86-4   | 1.0                   | 3 mg/m <sup>3</sup>   | N.E.               | 3.5 mg/m <sup>3</sup> | 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 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>        | 1.318               | <b>pH:</b>                                     | N.D.       |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                              | N.D.       |
| <b>Solubility in Water:</b>     | Miscible            | <b>Partition Coefficient, n-octanol/water:</b> | N.D.       |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                 | 1.3 - 15.8 |
| <b>Boiling Range, °C:</b>       | 90 - 537            | <b>Flash Point, °C:</b>                        | 49         |
| <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 temperatures above 120°F (49°C). Avoid all possible sources of ignition. Avoid contact with metals. Avoid excess heat. Keep from freezing.

**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. 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:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated 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 carbon black in the formula. Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010) Prolonged or repeated skin contact may cause dermatitis.

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

### ACUTE TOXICITY VALUES

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

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|----------------------|------------------|--------------------|-------------------|
| 13463-67-7     | Titanium Dioxide     | >10000 mg/kg Rat | 6000               | N.E.              |

|           |                                  |                  |                   |         |
|-----------|----------------------------------|------------------|-------------------|---------|
| 1332-58-7 | Kaolin Clay                      | 5500 mg/kg       | >5000 mg/kg Rat   | 25      |
| 2807-30-9 | Ethylene Glycol Monopropyl Ether | 3089 mg/kg Rat   | 870 mg/kg Rabbit  | N.E.    |
| 1477-55-0 | Benzene-1,3-dimethanamine (MXDA) | 660 mg/kg Rat    | 2000 mg/kg Rabbit | N.E.    |
| 2855-13-2 | Isophorone Diamine               | 1030 mg/kg Rat   | > 2,000 mg/kg Rat | 25 mg/L |
| 1333-86-4 | Carbon Black                     | >15400 mg/kg Rat | N.E.              | 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:** Do not incinerate closed containers. 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>            | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept |
| <b>Proper Shipping Name:</b> | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept |
| <b>Hazard Class:</b>         | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept |
| <b>Packing Group:</b>        | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept |
| <b>Limited Quantity:</b>     | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept | Consult Transportation<br>Dept |

## 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), 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> |
|----------------------------------|----------------|
| Ethylene Glycol Monopropyl Ether | 2807-30-9      |

#### 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:

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: | 3 | Flammability: | 2 | Physical Hazard: | 1 | Personal Protection: | X |
|---------|---|---------------|---|------------------|---|----------------------|---|

**NFPA RATINGS**

|         |   |               |   |              |   |
|---------|---|---------------|---|--------------|---|
| Health: | 3 | Flammability: | 2 | Instability: | 0 |
|---------|---|---------------|---|--------------|---|

Volatile Organic Compounds: 100 g/L

SDS REVISION DATE: 12/18/2023

**REASON FOR REVISION:**

Revision Description Changed  
Product Composition Changed  
Substance and/or Product Properties Changed in  
Section(s):  
01 - Identification  
02 - Hazard Identification  
03 - Composition / Information on Ingredients  
05 - Fire-Fighting Measures  
08 - Exposure Controls / Personal Protection  
09 - Physical & Chemical Properties  
11 - Toxicological Information  
14 - Transport Information  
15 - Regulatory Information  
16 - Other Information  
Substance Hazard Threshold % Changed  
Substance Regulatory CAS Number Changed  
Revision Statement(s) Changed

**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.