

# Material Safety Data Sheet

24 Hour Assistance  
1-847-367-7700  
Rust-Oleum Corporation  
www.rustoleum.com

## Section 1 – Chemical Product / Company Information

|                       |  |               |  |
|-----------------------|--|---------------|--|
| Product Name          | CONSAV TUBE TURBOKRETE<br>CONCRETE REPAIR                                      | Revision Date | August 4, 2010   |
| Identification Number | 257395   |               |  |
| Product Use/Class     | Concrete Repair/Two Part Concrete Saver  |               |  |
| Supplier              | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | Manufacturer  | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| Preparer              | Regulatory Department  |               |  |

## Section 2 – Composition / Information on Ingredients

| Chemical Name                   | CAS Number  | Weight %<br>Less Than | ACGIH TLV-<br>TWA   | ACGIH<br>TLV-STEL | OSHA PEL-<br>TWA    |
|---------------------------------|-------------|-----------------------|---------------------|-------------------|---------------------|
| <b>PART A:</b>                  |             |                       |                     |                   |                     |
| Diglycidyl Ether of Bisphenol A | 25085-99-8  | <75%                  | N.E.                | N.E.              | N.E.                |
| Ground Limestone                | 1317-65-3   | <15%                  | 2 mg/m <sup>3</sup> | N.E.              | 5 mg/m <sup>3</sup> |
| Talc                            | 14807-96-6  | <5%                   | 5 mg/m <sup>3</sup> | N.E.              | 5 mg/m <sup>3</sup> |
| Titanium Dioxide                | 13463-67-7  | <5%                   | 5 mg/m <sup>3</sup> | N.E.              | N.E.                |
| Remaining Ingredients           | Proprietary | <25%                  | N.E.                | N.E.              | N.E.                |
| <b>PART B:</b>                  |             |                       |                     |                   |                     |
| n-Aminoethylpiperazine          | 140-31-8    | <20%                  | N.E.                | N.E.              | N.E.                |
| Nonyl phenol-                   | 84852-15-3  | <20%                  | N.E.                | N.E.              | N.E.                |
| Ground Limestone                | 1317-65-3   | <30%                  | 2 mg/m <sup>3</sup> | N.E.              | 5 mg/m <sup>3</sup> |
| Talc                            | 14807-96-6  | <20%                  | 5 mg/m <sup>3</sup> | N.E.              | 5 mg/m <sup>3</sup> |
| Ethylene Glycol                 | 107-21-1    | <8%                   | C 100 ppm           | N.E.              | C 50 ppm            |
| Benzyl Alcohol                  | 100-51-6    | <2%                   | C 100 ppm           | N.E.              | C 50 ppm            |
| Remaining Ingredients           | Proprietary | <20%                  | N.E.                | N.E.              | N.E.                |

## Section 3 – Hazards Identification

Primary Routes of Entry: Dermal, Inhalation

**Known Hazards:** Part A: Skin and eye irritation. Sensitizer; Part B: Corrosive

**Signs and Symptoms of Exposure: Part A:** Eyes: Irritation. Corneal injury is not expected. Skin: Irritation. Can cause allergic skin reactions in susceptible individuals, e.g. itching, redness, swelling, etc. Inhalation: No ill effects expected.

Heated vapors can cause irritation. **Part B:** Eyes: Irritation. Possible eye burns. Skin: Can cause irritation and skin burns. Inhalation: No ill effects expected. Heated vapors can cause irritation.

## Section 4 – First Aid Measures

**First Aid- Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if symptoms persist.

**First Aid- Skin contact:** Wash with mild soap and water. Launder contaminated clothing before reuse.

**First Aid- Inhalation:** Move to fresh air; give oxygen if breathing is difficult. Call a physician if symptoms persist.

**First Aid- Ingestion:** If conscious, give plenty of water, do not induce vomiting unless directed to by a physician. Call a physician.

**Other:** Referral to physician is recommended if there is any question about the seriousness of injury/exposure. If Sensitization occurs, future contact with the material should be avoided.

## Section 5 – Fire Fighting Measures

Flash Point                      **Part A:** > 300° F.  
   **Part B:** > 200° F

Extinguisher Media: Carbon Dioxide, Dry Chemical, Water Spray, Foam

Special Fire Fighting Procedures: Use a self-contained breathing apparatus when fighting fires involving chemicals.

Unusual fire and Explosion Hazards: None known. Thermal decomposition products can be formed.

## Section 6 – Accidental Release Measures

Avoid all personal contact, scoop up with spade and place in disposable metal container. Flush contaminated areas.

## Section 7 – Handling and Storage

Avoid contact with eyes, skin and clothing. Avoid prolonged inhalation of vapors. Use with adequate ventilation. Wash thoroughly after handling. Store in a cool dry place out of direct rays of the sun. Keep from freezing. Recommended storage temperature range in between 40° and 95° F.

## Section 8 – Exposure Controls / Personal Protection

None normally required. Use a NIOSH –approved organic vapor chemical cartridge Respirator when air movement is inadequate to control vapor build-up.

**Ventilation:** General (natural or mechanical induced fresh air movements)

**Eye Protection:** Wear splash proof chemical goggles

**Protective Gloves:** Cloth or impermeable (neoprene or rubber) gloves

**Other Protective Clothing or Equipment:** Wear appropriate apparel to prevent skin contact

## Section 9 – Physical and Chemical Properties

|                      |   |                   |                           |
|----------------------|---|-------------------|---------------------------|
| Boiling range:       | N.A.                                    | Vapor Density     | Heavier than air          |
| Odor:                | Part A: Slight Part B: Slight Amine     | Odor Threshold:   | N.D.                      |
| Appearance:          | Part A: White Paste Part B: Black Paste | Evaporation Rate: | Slower than Ether         |
| Solubility in Water: | Insoluble                               |                   |                           |
| Freeze Point:        | N.D.                                    | Specific Gravity: | Part A: 1.24 Part B: 1.34 |
| Vapor Pressure:      | N.D.                                    | pH:               | N.A.                      |
| Physical State:      | Liquid                                  |                   |                           |

## Section 10 – Stability and Reactivity

**Hazardous Polymerization:** Will not occur

**Stability:** Stable

**Incompatibility:** Strong acids, peroxides, and other oxidizing agents

**Hazardous Decomposition Products:** Thermal decomposition can yield CO, CO<sub>2</sub> and organic Nitrogen compounds.

**Conditions to Avoid:** Exposure to excessive heat and storage above 95° F will shorten shelf life

## Section 11 – Toxicological Information

Product LD<sub>50</sub>: N.D.

Product LC<sub>50</sub>: N.D.

### Chemical Name

### **LD50**

### **LC50**

#### **PART A:**

Diglycidyl Ether of Bisphenol A

>5000 mg/kg (Rat)

N.E.

Ground Limestone

N.E.

N.E.

Talc

N.E.

N.E.

Titanium Dioxide

N.E.

>10000 mg/kg (Rat, Oral)

#### **PART B:**

n-Aminoethylpiperazine

2108 mg/kg (Rat, Oral)

N.E.

Nonyl phenol-

1300 mg/kg (Rat, oral)

N.E.

Ground Limestone

N.E.

N.E.

Talc

N.E.

N.E.

Ethylene Glycol

4700 mg/kg

N.E.

Benzyl Alcohol

1230 mg/kg (Rat, Oral)

1000 ppm (Rat, 8Hr)

## Section 12 – Ecological Information

Ecological Information: Product is a mixture of listed components.

## Section 13 – Disposal Information

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

## Section 14 – Transportation Information

### Part A & B :

|                       | <b>Domestic (USDOT)</b> | <b>International (IMDG)</b> | <b>Air (IATA)</b>      |
|-----------------------|-------------------------|-----------------------------|------------------------|
| Proper Shipping Name: | Consumer Commodity      | Paint Related Material      | Paint Related Material |
| Hazard Class:         | ORM-D                   | 8                           | 8                      |
| UN Number:            | N.A.                    | UN3066                      | UN3066                 |
| Packing Group:        | N.A.                    | III                         | III                    |
| Limited Quantity:     | No                      | Yes                         | No                     |

## Section 15 – Regulatory Information

### SARA Section 313:

Listed below are the substances (if any) contained in this product that are 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:

This product contains 0 to 2% Ethylene Glycol

### Toxic Substances Control Act:

Chemical components listed on TSCA inventory.

CANADIAN WHMIS CLASS: D2A D2B

## Section 16 – Other Information

| <b>NFPA Hazard Rating</b> | <b>Part A</b> | <b>Part B</b> |
|---------------------------|---------------|---------------|
| Health                    | 1             | 2             |
| Flammability              | 1             | 1             |
| Reactivity                | 0             | 0             |

**Reason for Revision:** Regulatory Update

**Abbreviations:** 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 material 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.