

Material Safety Data Sheet

24 Hour Assistance
1-847-367-7700
Rust-Oleum Corporation
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Section 1 – Chemical Product / Company Information

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

Section 2 – Composition / Information on Ingredients

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV-STEL	OSHA PEL- TWA
PART A:					
Diglycidyl Ether of Bisphenol A	25085-99-8	<75%	N.E.	N.E.	N.E.
Ground Limestone	1317-65-3	<15%	2 mg/m ³	N.E.	5 mg/m ³
Talc	14807-96-6	<5%	5 mg/m ³	N.E.	5 mg/m ³
Titanium Dioxide	13463-67-7	<5%	5 mg/m ³	N.E.	N.E.
Remaining Ingredients	Proprietary	<25%	N.E.	N.E.	N.E.
PART 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 ³	N.E.	5 mg/m ³
Talc	14807-96-6	<20%	5 mg/m ³	N.E.	5 mg/m ³
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

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, CO₂ 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 LD₅₀: N.D.

Product LC₅₀: N.D.

Chemical Name

PART A:

	LD50	LC50
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-Aminooethylpiperazine	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 :

	Domestic (USDOT)	International (IMDG)	Air (IATA)
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

NFPA Hazard Rating	Part A	Part 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

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