

# Material Safety Data Sheet

24 Hour Assistance:  
1-847-367-7700  
Rust-Oleum Corp.  
[www.rustoleum.com](http://www.rustoleum.com)

## Section 1 - Chemical Product / Company Information

Product Name:	Concrete Patching Compound	Revision Date:	05/12/2011
Identification Number:	5499PTA		
Product Use/Class:	Concrete Patching Compound/Pt A		
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

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight % Less Than</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL CEILING</u>
Quartz (Crystalline Silica)	14808-60-7	65.0	0.025 mg/m3 (Respirable)	N.E.	2.4 mppcf (Respirable)	N.E.
Epoxy Resin	25068-38-6	20.0	N.E.	N.E.	N.E.	N.E.
Calcium Metasilicate	13983-17-0	15.0	N.E.	N.E.	N.E.	N.E.
Tremolite (nonasbestiform)	14567-73-8	1.0	0.1 fibers/cm3	N.E.	0.1 fibers/cm3	N.E.
Anthophyllite (Nonasbestiform)	17068-78-9	1.0	0.1 fibers/cm3	N.E.	0.1 fibers/cm3	N.E.

## Section 3 - Hazards Identification

\*\*\* Emergency Overview \*\*\*: Harmful if inhaled. Causes eye irritation. Causes skin irritation.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material. May cause skin irritation. Allergic reactions are possible. Causes skin irritation. Allergic reactions are possible.

Effects Of Overexposure - Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation. High gas, vapor, mist or dust concentrations

may be harmful if inhaled.

Effects Of Overexposure - Ingestion: Substance may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: Contains Calcium Silicate (Wollastonite), which is an IARC 3 Agent "unclassifiable as to carcinogenicity to humans" via inhalation. Inhalation exposure to Calcium Silicate is not anticipated through brush application nor normal use. Calcium Silicate is NOT classified as a carcinogen by NIOSH, ACGIH, NTP nor OSHA.

Contains crystalline silica as silicon dioxide. Excessive inhalation of respirable crystalline silica dust may cause lung disease, silicosis or lung cancer. Significant exposure is not anticipated during brush or trowel application or drying. Risk of overexposure depends on the duration and level of exposure to dust from repeated sanding of surfaces, mechanical abrasion or spray mist and actual concentration of crystalline silica in the formula. Crystalline silica is listed as Group 1 "carcinogenic to humans" by the International Agency for Research on Cancer (IARC), and Group 2 "reasonably anticipated to be a carcinogen" by the National Toxicology Program (NTP).

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Eye Contact

## **Section 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.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: 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.

## **Section 5 - Fire Fighting Measures**

Flash Point: N.A. F (Tagibue)

Extinguishing Media: Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat due to buildup of steam.

Special Firefighting Procedures: Evacuate area and fight fire from a safe distance.

---

## **Section 6 - Accidental Release Measures**

Steps To Be Taken If Material Is Released Or Spilled: Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

## **Section 7 - Handling And Storage**

Handling: Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Use only in a well-ventilated area. Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse.

Storage: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Keep container closed when not in use.

## **Section 8 - Exposure Controls / Personal Protection**

Engineering Controls: Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection: Nitrile or Neoprene gloves may afford adequate 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 on types of personal protective equipment and their applications.

Hygienic Practices: Remove contaminated clothing immediately and launder before reuse. Wash thoroughly with soap and water before eating, drinking or smoking.

## **Section 9 - Physical And Chemical Properties**

Vapor Density:

Heavier than Air

Odor:

Ammonia Like

Appearance:	Paste Like	Evaporation Rate:	Slower than Ether
Solubility in H <sub>2</sub> O:	Slight	Freeze Point:	N.D.
Specific Gravity:	0.488	pH:	N.D.
Physical State:	Solid		

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid contact with strong acid and strong bases.

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

Hazardous Decomposition: By open flame, carbon monoxide and carbon dioxide. 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.

## Section 11 - Toxicological Information

<b>Chemical Name</b>	<b>LD50</b>	<b>LC50</b>
Quartz (Crystalline Silica)	N.E.	N.E.
Epoxy Resin	N.E.	N.E.
Calcium Metasilicate	N.E.	N.E.
Tremolite (nonasbestiform)	N.E.	N.E.
Anthophyllite (Nonasbestiform)	N.E.	N.E.

## 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**

	<b>Domestic (USDOT)</b>	<b>International (IMDG)</b>	<b>Air (IATA)</b>
Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated
Hazard Class:	N.A.	N.A.	N.A.
UN Number:	N.A.	N.A.	N.A.
Packing Group:	N.A.	N.A.	N.A.
Limited Quantity:	No	No	No

**Section 15 - Regulatory Information****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:

CHRONIC HEALTH HAZARD

**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:

**Chemical Name**

Anthophyllite (Nonasbestiform)

**CAS Number**

17068-78-9

**Toxic Substances Control Act:**

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12(B) if exported from the United States:

**U.S. State Regulations: As follows -****New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product.

**Chemical Name**

O-Cresyl Glycidyl Ether

**CAS Number**

26447-14-3

**Pennsylvania Right-to-Know:**

The following non-hazardous ingredients are present in the product at greater than 3%.

**Chemical Name**

O-Cresyl Glycidyl Ether

**CAS Number**

26447-14-3

**International Regulations: As follows -****CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:** D2B

**Section 16 - Other Information****HMIS Ratings:**

Health: 2\*

Flammability: 0

Reactivity: 0

Personal Protection: X

**NFPA Ratings:**

Health: 2

Flammability: 0

Instability: 0

**VOLATILE ORGANIC COMPOUNDS, g/L:** 9

**REASON FOR REVISION:** Regulatory Update

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

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.