

# 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	EPOXY 1-GL 2PK BLACKTOP PATCH CRCK FILL	Revision Date	June 9, 2010
Identification Number	250700		
Product Use/Class	Blacktop Patch and Crack Filler/Rust-Oleum Professional		
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>
Portland Cement	65997-15-1	25.0	10 mg/m3	N.E.	5 mg/m3 (Respirable)	N.E.
Crystalline Silica	14808-60-7	60.0	0.1 mg/m3	N.E.	10 mg/m3 (Respirable)	N.E.
Copolymer	Proprietary	10.0	N.E.	N.E.	N.E.	N.E.
Fly Ash	Proprietary	10.0	N.E.	N.E.	10 mg/m3	N.E.
Carbon Black	1333-86-4	2.0	N.E.	N.E.	N.E.	N.E.

## Section 3 – Hazards Identification

Effects of Overexposure – Eye Contact: May cause eye irritation, severe burns and damage to the cornea.

Effects of Overexposure – Skin Contact: May cause dry skin, redness, discomfort, irritation or severe burns. Thickening of the skin (scleroderma) may be associated with exposure of high levels of crystalline silica.

Effects of Overexposure – Skin Absorption: No known information available.

Effects of Overexposure – Inhalation: Breathing dust may cause nose, throat or lung irritation and choking.

Effects of Overexposure – Ingestion: Ingestion of large amounts may cause intestinal distress.

Effects of Overexposure – Chronic Hazards: Excessive inhalation of respirable crystalline silica dust may cause progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function.

The American Conference of Governmental Industrial Hygienists classifies crystalline silica, quartz, as a suspected human carcinogen. The International Agency for Research on Cancer has determined that crystalline silica in the form of quartz or cristoballite from occupational sources is carcinogenic in humans (Group 1 – carcinogenic to humans). Refer to IARC Monograph 68, Silica and some Silicates and Organic Fibers (published June 1997) in conjunction with the use of these materials. The National Toxicology Program classifies respirable crystalline silica as “known to be a human carcinogen”.

Primary Routes of Entry: Inhalation, Skin Contact, Skin Absorption, Eye Contact

## Section 4 – First Aid Measures

Inhalation: Remove victim from exposure to fresh air. Seek medical attention.

Eyes: Immediately rinse eyes, holding eyelids open, for at least 15 minutes. Seek medical attention.

Skin: Wash thoroughly with soap and water. Use moisturizing creams for irritated skin. Seek medical attention for burns or if irritation persists.

Ingestion: Do not induce vomiting, but drink plenty of water. Seek medical attention for discomfort.

## Section 5 – Fire Fighting Measures

Flash Point	>200°F	Lower Explosive Limit	N.A.
Method:	Setaflash	Upper Explosive Limit	N.A.

**Extinguishing Media:** Dry Chemical, Water Fog, or Foam

**Special Firefighting Procedures and Precautions:** This product is not a fire hazard. Self contained breathing apparatus is recommended to limit exposure to smoke from any combustion source.

**Unusual Fire and Explosion Hazards:** None.

## Section 6 – Accidental Release Measures

**Action to Take for Spills/Leaks:** Wind blown material may cause hazards described in Section III. Use dry clean-up methods that do not disperse dust in the air. Avoid generating or breathing the dust.

**Waste Disposal Method:** Dispose of in accordance with federal, state and local regulations.

## Section 7 – Handling And Storage

Keep dry.

## Section 8 – Exposure Controls / Personal Protection

**Personal Protection**

**Respiratory:** Wear a NIOSH approved respirator when dust may be above the exposure limits.

**Eyes:** Wear glasses or safety goggles to prevent contact with eyes. Wearing contact lenses when using this product under dusty conditions is not recommended.

**Skin:** Use rubber gloves and protective clothing to prevent skin contact.

**Environmental Controls:**

Use exhaust ventilation to maintain dust levels below exposure limits in workplaces with poor ventilation and dusty conditions.

**Section 9 – Physical and Chemical Properties**

Boiling Range:	999-999°F	Vapor Density:	Heavier than air
Odor:	None	Odor Threshold:	N.E.
Appearance:	Gray powder	Evaporation Rate:	Slower than ether
Solubility in Water:	Slight	Specific Gravity:	3.5
Freeze Point:	N.D.	pH:	N.A.
Vapor Pressure:	N.D.		
Physical State:	Particulate solid		

**Section 10 – Stability and Reactivity**

**Stability:** Product is stable, but must be kept dry. Reacts with water forming polymerized silicates and calcium oxide.

**Conditions and Materials to Avoid:** Dissolves in hydrofluoric acid producing corrosive silicon tetrafluoride gas. Silicates react with powerful oxidizers such as fluorine, chlorine trifluoride and oxygen difluoride.

**Hazardous Decomposition Products:** None, powdered solid.

**Section 11 – Toxicological Information**

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

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

**Effects of Overexposure – Eye Contact:** May cause eye irritation, severe burns and damage to the cornea.

**Effects of Overexposure – Skin Contact:** May cause dry skin, irritation, and alkaline burns.

**Effects of Overexposure – Skin Absorption:** No known information available.

**Effects of Overexposure – Inhalation:** May cause irritation to nose, lung and respiratory tract.

**Effects of Overexposure – Ingestion:** Not expected to be relevant route of entry.

**Effects of Overexposure – Chronic Hazards:** Respirable crystalline silica is a suspected cancer agent by NTP and IARC.

**Primary Routes of Entry:** Inhalation, Skin Contact, Skin Absorption, Eye Contact

## Section 12 – Ecological Information

Not listed as a marine pollutant.

## 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

DOT Proper Shipping Name:	Paint related material	Packing Group	N.A.
DOT Technical Name:	N.A.	Hazard Subclass:	N.A.
DOT Hazard Class:	Not Regulated	Response Guide Page:	N.A.
DOT UN/NA Number:	N.A.		

## 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:

IMMEDIATE HEALTH HAZARD    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:

<u>Chemical Name</u>	<u>CAS Number</u>
Portland Cement	65997-15-1

### Toxic Substances Control Act Status:

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>Chemical Name</u>	<u>CAS Number</u>
Crystalline Silica (partially exempt)	14808-60-7
Carbon Black	1333-86-4

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

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

<u>Chemical Name</u>	<u>CAS Number</u>
Copolymer	Proprietary
Fly Ash	Mixture

**Pennsylvania Right-to-Know:**

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

<u>Chemical Name</u>	<u>CAS Number</u>
Copolymer	Proprietary
Fly Ash	Mixture

**California Proposition 65:**

WARNING! This product contains a chemical known by the State of California to cause cancer.

WARNING! This product contains a chemical known by the State of California to cause birth defects or other reproductive harm.

**International Regulations:****CANADIAN WHMIS:**

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

**CANADIAN WHMIS CLASS:** D2A D2B

<b>Section 16 – Other Information</b>
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**H M I S** Health: 1\* Flammability: 0 Physical Hazard: 0

**Abbreviations:** N.A. – Not Applicable N.D. – Not Determined N.E. – Not Established

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State and Local laws and regulations.