

Material Safety Data Sheet

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

Section 1 - Chemical Product / Company Information

Product Name: EPOXY PRO 1-GLK GARAGE FLOOR GRAY Kit Part B Revision Date: 03/31/2010

Identification Number: 251963B

Product Use/Class: Garage Floor Coating/Epoxy Part B

Supplier: Rust-Oleum Corporation Manufacturer: Rust-Oleum Corporation
11 Hawthorn Parkway 11 Hawthorn Parkway
Vernon Hills, IL 60061 Vernon Hills, IL 60061
USA 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	OSHA PEL CEILING
Aliphatic Polyamine	MIXTURE	25.0		N.E.	N.E.	N.E.	N.E.
Titanium Dioxide	13463-67-7	15.0		10 mg/m3	N.E.	15 mg/m3 (Total Dust)	N.E.
Calcined Aluminum Silicate	1332-58-7	5.0		2 mg/m3	N.E.	5 mg/m3 (Respirable)	N.E.
Ethylene Glycol Monopropyl Ether	2807-30-9	5.0		25 ppm (Skin)	N.E.	N.E.	N.E.
Carbon Black	1333-86-4	1.0		3.5 mg/m3	N.E.	3.5 mg/m3	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: May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material. 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 Titanium Dioxide. Titanium Dioxide is listed as a Group 2B- "Possibly carcinogenic to humans" by IARC. 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 Titanium Dioxide in the formula. Prolonged or repeated overexposure may cause lung 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. Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract and signs of nervous system depression (e.g., headache, drowsiness, loss of coordination and fatigue).

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

Section 4 - First Aid Measures

First Aid - Eye Contact: If exposed to fumes or vapors, flush eyes with plenty of water for at least 15 minutes. Get medical attention. 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 contaminated clothing and decontaminate footwear before reuse. Remove contaminated clothing. Wash skin with soap and water. Get medical attention.

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.

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: >200 F
(Setaflash)

LOWER EXPLOSIVE LIMIT: 1.3 %
UPPER EXPLOSIVE LIMIT : 15.8 %

Extinguishing Media: Film Forming Foam, Carbon Dioxide, Dry Chemical, Water Fog

Unusual Fire And Explosion Hazards: No unusual Hazards

Special Firefighting Procedures: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Evacuate area and fight fire from a safe distance.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools.

Section 7 - Handling And Storage

Handling: Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Use only in a well-ventilated area.

Storage: 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 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: Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other protective equipment: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

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

Section 9 - Physical And Chemical Properties

Boiling Range:	194 - 308 F	Vapor Density:	Heavier than Air
Odor:	Mild Ammonia	Odor Threshold:	N.E.
Appearance:	Liquid	Evaporation Rate:	Slower than Ether
Solubility in H ₂ O:	Miscible		
Freeze Point:	N.D.	Specific Gravity:	1.319
Vapor Pressure:	N.D.	PH:	N.D.
Physical State:	Liquid		

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid temperatures above 120 ° F.

Incompatibility: No Information.

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous Polymerization: Will not occur under normal conditions

Stability: Stable under normal conditions

Section 11 - Toxicological Information

Product LD50: N.D.

Product LC50: N.D.

Chemical Name

Aliphatic Polyamine
Titanium Dioxide
Calcined Aluminum Silicate
Ethylene Glycol Monopropyl Ether
Carbon Black

LD50

>2000 mg/kg (Rat, Oral)
>7500 mg/kg (Rat, Oral)
5000 mg/kg (Rat, Oral)
3089 mg/kg (Rat)
>8000 mg/kg (Rat, Oral)

LC50

N.E.
N.E.
N.E.
>2132 ppm (Rat, 6Hr)
N.E.

Section 12 - Ecological Information

Ecological Information: No Information.

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, unregulated
DOT Technical Name: N.A.
DOT Hazard Class: Not Regulated
DOT UN/NA Number: N.A.

Packing Group: N.A.
Hazard Subclass: N.A.
Resp. Guide Page: 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, REACTIVE 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

Ethylene Glycol Monopropyl Ether

CAS Number

2807-30-9

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:

It is the policy of Rust-Oleum Corporation to use only TSCA compliant materials in its products.

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

Water
Potassium Aluminosilicate

CAS Number

7732-18-5
37244-96-5

Pennsylvania Right-to-Know:

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

Chemical Name

Water
Potassium Aluminosilicate

CAS Number

7732-18-5
37244-96-5

California Proposition 65:

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

This product contains no chemicals known by the State of California to cause birth defects or other reproductive harm

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: D2A D2B

Section 16 - Other Information

HMIS Ratings:

Health: 3

Flammability: 0

Reactivity: 1

Personal Protection: X

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.