

Material Safety Data Sheet

Emergency Phone:(888)-376-9954 24-Hour CHEMTREC (800)-424-9300 CHEMTREC, D.C. Area (800)-483-7616

I. Chemical Product And Company Data

PRODUCT: EpoxyGuard Floor Coating Kit Part A
CHEMICALFAMILY: Epoxy resin
REVISION DATE: Sept 2007
MANUFACTURER: EpoxyGuard.
900 Wilshire Drive, Suite 202, Troy MI 48084

Health	2
Flammability	1
Reactivity	0
Personal Protection	H

II. Composition / Information On Ingredients

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

HAZARDOUS INGREDIENTS	CAS NO	EXPOSURE LIMITS			CONTENT
		TLV	STEL	PEL	
Bis A Epoxy Resin	25068-38-6	N/E	N/E	N/E	0 – 80%
Magnesium silicate	14807-96-6	N/E	N/E	N/E	0 – 20%
Glycidyl Diluent	2461-15-6	N/E	N/E	N/E	0 – 20%
Epichlorohydrin and Bis A reaction products	025085-99-8	N/E	N/E	N/E	0 – 5%
Cresyl glycidyl ether	002210-79-9	N/E	N/E	N/E	0 – 2%
Iron Oxide	1309-37-1	N/E	N/E	N/E	0 – 10%
Titanium Dioxide	013463-67-7	10 mg/m3	N/E	10 mg/m3	0 – 10%
Carbon Black	001333-86-4	3.5 mg/m3	N/E	3.5 mg/m3	0 – 10%

N/E = Not Established

California Proposition 65 ingredients

Phenyl glycidyl ether	122-60-1	
Cresyl glycidyl ether	002210-79-9	< 2.0%

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

Cresyl glycidyl ether	002210-79-9	< 2.0%
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III. Hazards Identification

HMIS Hazard Rating No. 2

PRIMARY ROUTE OF ENTRY: Eye and skin contact, breathing and ingestion.

Symptoms of Exposure

Skin Contact: Product may cause irritation, redness and discomfort which is transient.
Eyes: Product may cause severe irritation to the eyes.

Inhalation Vapors from product may cause irritation to the nose, throat and respiratory tract. Coughing and chest pains may result. High vapor concentrations may produce CNS depression.

Ingestion: Not expected to be a relevant route of exposure. Product may be slightly toxic if ingested.

IV. First Aid Measures

Inhalation Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance

Eyes Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.

Skin Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion Do not induce vomiting, get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person

V. Fire Fighting Methods

HMIS Hazard Rating No. 1

Flash Point: > 93°C (200°F)

Method: Pensky Martin C.C.

General Hazard: None

Auto-Ignition Temp.: Not Available

Limits of Flammability

LEL: Not Available

UEL: Not Available

Extinguishing Media

For small fires, use water spray, foam, CO2, or dry chemical. For large fires, use water spray, fog, or alcohol foam.

Special Fire & Unusual Hazards

Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. As in any fire, wear NIOSH/MSHA approved, pressure demand self-contained breathing apparatus and full protective gear.

VI. Accidental Release Measures

Action To Take For Spills/ Leaks: Avoid contact with skin or eyes. Ventilate area, then eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material.

Waste Disposal Method: Handle disposal of waste material in a manner that complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

VII. Handling And Storage

Average Shelf Life:

Refer to Product Data Sheet

Special Instructions

Store away from oxidizing agents and high temperatures

VIII. Exposure Controls / Personal Protection

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In operations where mists can be generated or the exposure limits for crystalline silica

exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH approved respirators for listed hazard. Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulation CFR 29 1910.134 for recommended respiratory protection.

IX. Physical And Chemical Properties

Boiling Point (°C):	N/D	Water/Oil Distribution Coefficient:	N/A
Volatile Organic Content US EPA method 24	113g/l Part A only 139g/l Part A and Part B	Solubility in Water:	Negligible
Freezing Point (°C):	N/A	Specific Gravity @20° C	10.9 lbs/gal
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	>air	Evaporation Rate:	N/A
Odor Threshold:	N/A	Odor:	slight
Appearance:	Pigmented liquid		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

Strong acids, oxidizing agents, bases, amines and mercaptans.

Hazardous Decomposition Products

Oxides of Carbon; aldehydes and acids. Decomposition and combustion products may be toxic.

Conditions To Avoid

Strong acids in bulk.

XI. Toxicity Information

HMIS Hazard Rating No. 2

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, and eyes.

Effects Of Overexposure

Inhalation:

May cause irritation to the respiratory tract.

Eyes:

May be severely irritating to the eyes.

Skin Contact:

Irritating to the skin. In some individuals it may cause sensitization.

Ingestion:

May cause permanent damage to the mouth throat and stomach.

Chronic:

This product does not contain chemicals considered to be carcinogenic by NTP, IRAC, ACGIH, OSHA. However this product does contain (<5ppm) of epichlorohydrin (ECH) (cas no 106-89-8). It is unlikely that normal work practices with this product could result in measurable concentrations in the workplace. Please be aware that ECH has been reported to produce cancer in lab animals and top cause of mutagenic changes in bacteria and cultured human cells. It has been classified as a suspected human carcinogen by the NTP.

XII. Ecological Information

Marine Pollutant: NL
(NL = Not Listed; P = Moderate; PP = Severe; ND = Not Determined)

XIII. Disposal Considerations

Handle disposal of waste material in manner that complies with all applicable local, state, provincial and federal regulations.

XIV. Transport Information

DOT SHIPPING INFORMATION

Not Regulated

XV. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200)	Hazardous
CERCLA/ Super fund (40 CFR 117,302)	N/A
SARA Extremely Hazardous Substances (40 CFR 355)	N/A
SARA Hazard Categories (40 CFR 370)	Health: Immediate Physical: Fire
SARA Toxic Chemicals (40 CFR 372) Inventory Status	None The chemicals in this product are listed on the US TSCA Chemical Substance Inventory and the Canadian Domestic Substances List.

XVI. Other Information

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, EPOXYGUARD CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY, FOR ITS USE.