



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
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FOR CHEMICAL EMERGENCY

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: E-Z POXY™ METAL / CONCRETE REPAIR
PART NUMBER: 74532

DATE PREPARED: APRIL 29, 2009

PRODUCT TYPE: EPOXY ADHESIVE / SEALANT

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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	OTHER	STEL	CAS #
RESIN:						
MODIFIED SILICON DIOXIDE	1-10	15mg/m ³ TWA 5mg/m ³ TWA respir.	10mg/m ³ TWA 3mg/m ³ TWA respir.	6mg/m ³ TWA	N/A	67762-90-7
CALCIUM CARBONATE	1-10	15mg/m ³ TWA 5mg/m ³ TWA respir.	10mg/m ³ TWA	N/A	N/A	471-34-1
CARBON BLACK	0.1-1	3.5mg/m ³ TWA	3.5mg/m ³ TWA	N/A	N/A	1333-86-4
SILICA, QUARTZ	20-60	10mg/m ³ TWA respir.	0.05mg/m ³ TWA respir.	3mg/m ³ TWA	N/A	14808-60-7
HARDENER:						
POLYMERCAPTAN	40-60	N/A	N/A	N/A	N/A	PROPRIETARY
HARDENER SILICA, Quartz	20-60	10mg/m ³ TWA respir.	0.05mg/m ³ TWA respir.	3mg/m ³ TWA	N/A	14808-60-7
TITANIUM DIOXIDE	1-5	15mg/m ³ TWA	10mg/m ³ TWA	N/A	N/A	13463-67-7
SUBSTITUTED PHENOL	1-5	N/A	N/A	N/A	N/A	PROPRIETARY
MODIFIED SILICON DIOXIDE	1-10	15mg/m ³ TWA 5mg/m ³ TWA respir.	10mg/m ³ TWA 3mg/m ³ TWA respir.	6mg/m ³ TWA	N/A	67762-90-7
CALCIUM CARBONATE	1-5	15mg/m ³ TWA 5mg/m ³ TWA respir.	10mg/m ³ TWA respir.	N/A	N/A	471-34-1

* An asterisk (*) indicates the toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

SECTION 3 – HAZARDS IDENTIFICATION

NFPA RATING: HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0 SPECIFIC: 0
HMIS RATING: HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTION: B

PRIMARY ROUTES OF ENTRY: INGESTION, SKIN, EYES

EFFECTS OF OVEREXPOSURE:

INHALATION: High vapor concentrations may irritate nose, throat, and upper respiratory system.

INGESTION: Not expected to be harmful by ingestion.

SKIN CONTACT: Allergic skin reaction. Itching. Rash. Mild skin irritation. Redness. Contact with epoxy resin at elevated temperatures may cause thermal burns.

EYE CONTACT: Moderate eye irritation. Redness. Excess tearing. Contact with epoxy resin at elevated temperatures may cause thermal burns.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin disorders. Eye disorders. Respiratory disorders. Systemic diseases.

SECTION 4 – FIRST AID MEASURES**EMERGENCY FIRST AID PROCEDURES:**

INHALATION: Remove to fresh air. If symptoms develop and persist, get medical attention.

INGESTION: Keep individual calm. *DO NOT INDUCE VOMITING*. Get medical attention.

SKIN CONTACT: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms occur.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT (METHOD USE): More than 200°F (Closed Cup)

FLAMMABLE LIMITS: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: In case of fire, use water spray (fog), foam, dry chemicals, or CO₂.

FIRE FIGHTING PROCEDURES: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

UNUSUAL AND EXPLOSION HAZARDS: None.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Soak up with inert absorbent. Store in closed container until disposal.

SECTION 7 – HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Keep in a cool and well-ventilated area. Do not store above 100°F (37.8°C).

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: Not normally needed. Use a NIOSH approved respirator if the potential for airborne exposure exists.

SKIN PROTECTION: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

EYE PROTECTION: Chemical splash goggles or safety glasses with shields.

OTHER EQUIPMENT: None.

EXPOSURE GUIDELINES: Sufficient to maintain vapor concentration below TLV.

ENGINEERING CONTROLS: No data available.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT: N/A

VAPOR PRESSURE PSIG at 80°F: N/D

VAPOR DENSITY (AIR = 1): N/D

SOLUBILITY IN WATER: *RESIN:* Insoluble
HARDENER: Slightly Soluble

PERCENT VOLATILE BY VOLUME: N/D

APPEARANCE: *RESIN:* Black *HARDENER:* Amber

SPECIFIC GRAVITY (H₂O = 1): *RESIN:* 1.5849 *HARDENER:* 1.6098

MELTING POINT: N/A

pH: N/A

EVAPORATION RATE (ETHER = 1): N/D

FORM: Liquid **VOLATILE COMPONENTS:** N/D

VOC: *RESIN:* <0.1 g/l (0%) *HARDENER:* 11.1 g/l (0.7%)

ODOR: *RESIN:* Mild *HARDENER:* Mild

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None known

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (MATERIALS TO AVOID): *RESIN:* Oxidizing agents, Acids. Strong bases. Amines. Curing agents.

HARDENER: Oxidizing Agents. Nitrites. Alkalis. Reacts violently with Strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

EYE: No data available.
SKIN: No data available.
INGESTION: No data available.
INHALATION: No data available.
SUBCHRONIC: No data available.

CHRONIC CARCINOGENICITY

NTP: Silica, quartz is known as a carcinogenic to humans
IARC MONOGRAPH: Silica, quartz is known as a carcinogenic to humans
OSHA REGULATED: Not Regulated

TERATOLOGY: No data available.
REPRODUCTION: No data available.
MUTAGENICITY: No data available

CALIFORNIA PROPOSITION 65: This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm. (Phenyl glycidyl ether, Toluene).

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.
CHEMICAL FATE INFORMATION: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS: No data available.
WASTE DISPOSAL METHOD: Dispose according to EPA and local governmental regulations.
EPA HAZARDOUS WASTE NUMBER: N/A

SECTION 14 –TRANSPORT INFORMATION

TRANSPORTATION REQUIREMENTS (49CFR172-101)
D.O.T. CLASSIFICATION: Unrestricted **D.O.T. SHIPPING NAME:** Unrestricted

SECTION 15 –REGULATORY INFORMATION

EXPOSURE LIMITS: No data available.

SECTION 16 –OTHER INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.