

**MATERIAL SAFETY DATA SHEET**

**PRODUCT: EPOXFLEX LT GROUT**



**SECTION 01: PRODUCT INFORMATION**

**Manufacturer:** CPD Construction Products  
219 Connie Crescent #13  
Concord, Ontario, L4K 1L4

**Product Use:** Polymer concrete binder and overlay. Also used with EPOXFLEX LT GROUT (Fiber Flat) to yield a high strength, high impact resistant Epoxy Patching Compound.

**Product Description:** Two Component 100% Solids Thermosetting Epoxy (Low Modulus) Low Temperature Cure.

**Regulatory Classification:** WHIMS Information Part A, D.2(B), Part B, D2A, D2B  
Part A, Not Regulated; Part B, Corrosive Liquid N.O.S.  
(Triethylenetetramine)

**Transportation of Dangerous Goods Information:**  
Part B, Class 8  
PIN #: Part B, 1760  
PACKING GROUP: Part B, II

**EMERGENCY TELEPHONE NUMBERS**  
CANUTEC: (613) 996-6666

**SECTION 02: HAZARDOUS INGREDIENTS**

PRODUCT	CAS #	WT. %	LD50
Epoxy resin	25085-99-8	50-90	4000mg/kg (rat-oral)
Alkyl glycidyl ether	2461-15-6	1-5	7800mg/kg (rat-oral)
Nonyl Phenol	25154-52-3	10-30	1620mg/kg (rat-oral)
Triethylenetetramine	112-24-3	10-30	1080mg/kg (rat-oral)
Bisphenol A	080-05-7	10-30	N/D

ACGIH RECOMMENDS: (TLV-TWA) TRIETHYLENETETRAMINE 1 PPM. BISPHENOL A - 5 mg/m<sup>3</sup>.

**SECTION 03: PHYSICAL DATA**

ODOR AND APPEARANCE: Part A, Faint epoxy odor, light Amber color. Part B, Amine odor, Dark brown color.	SPECIFIC GRAVITY: Part A, 1.12 / Part B, 1.00 pH: Part A, > 7 / Part B, > 12.5
PHYSICAL STATE: Liquid	BOILING POINT: N/D
EVAPORATION RATE: N/D	FREEZING POINT: N/D
	N/D = No Data N/A = Not Available or Not Applicable



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**SECTION 04: FIRE OR EXPLOSION HAZARD**

**Flammability:** Non-flammable

**Means of Extinction:** Water Fog X , Foam X , CO2 X , Dry Chemical X , Other .

**Flash Point and Method:** Part A,>97°C PMCC / Part B,>107°C PMCC

**Flammable Limit Upper:** N/D **LOWER:** N/D

**SECTION 05: REACTIVITY DATA**

**CHEMICAL STABILITY:** Stable

**INCOMPATIBILITY WITH OTHER SUBSTANCES:**

Part A, Acid X , Base X , Oxidizers X , Water , Other .

Part B, Acid X , Base , Oxidizers X , Water , Other .

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO2, CO, water, phenolics, and other unidentified oxidized products upon combustion.

**SECTION 06: TOXICOLOGICAL PROPERTIES**

**EFFECTS OF OVEREXPOSURE:** May cause sensitization.

**INGESTION:** Part A, contains material that may be considered slightly toxic or non-toxic. Part B, ingestion may cause gastrointestinal irritation or ulceration. Corrosive to mucous membranes.

**INHALATION:** Breathing vapors may cause dizziness, nausea, or headaches.

**SKIN CONTACT AND ABSORPTION:** Part A, a single prolonged exposure is not likely to cause significant skin irritation. Repeated exposure may cause skin irritation and allergic reaction. Part B, corrosive material. Short single contact may cause skin irritation and burns.

**EYE CONTACT:** Part A, may cause eye irritation. Part B, may cause pain. May cause severe irritation with corneal injury which may result in permanent impairment of vision.

**OTHER CHRONIC EFFECTS OF OVEREXPOSURE:** Repeated excessive exposure may cause severe dermatitis, as well as liver, kidney, and bladder damage.

**CARCINOGENICITY:** NO **TERATOGENICITY:** N/D

**MUTAGENICITY:** N/D **REPRODUCTIVE TOXICITY:**N/D

**SECTION 07: FIRST AID MEASURES**

**EMERGENCY FIRST AID MEASURES**

**EYE CONTACT:** Immediate and continuous irrigation with water for at least 15 minutes holding eyelids open. Prompt medical consultation is essential for contact with Part B.

**SKIN CONTACT:** Wash with soap and water immediately. Part B, may cause burn in case of prolonged contact; call a physician if irritation persists. Remove and wash contaminated clothing before reuse.

**INGESTION:** Give large quantities of water or milk. Call a physician.

**INHALATION:** Remove to fresh air. Give oxygen if breathing is difficult. Consult a physician.



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**SECTION 08 - PREVENTIVE MEASURES**

**RESPIRATORY:** Use a government or a NIOSH approved respirator, if exceeding occupational exposure limits or in closed, confined areas. No respiratory protective equipment is required for outdoor applications under normal operating conditions.

**EYE:** Use chemical safety goggles or face shield.

**SKIN PROTECTION:** Use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron, or full-body suit will depend on operation. Impervious, neoprene gloves are recommended.

**VENTILATION:** Proper ventilation is necessary. Use local and mechanical exhaust systems leading to open fresh air.

**LEAK AND SPILL PROCEDURES:** Scrape up into container; soak up with inert absorbent. Wear adequate protective clothing and safety equipment.

**WASTE DISPOSAL:** Dispose of or incinerate in accordance with local, provincial and federal regulations. Discarded product is a hazardous waste.

**HANDLING PROCEDURES AND EQUIPMENT:** Keep away from heat, sparks, and open flame. Keep containers closed until ready for use. Provide adequate ventilation. Avoid breathing fumes.

**STORAGE REQUIREMENTS:** Store in a cool, dry, well ventilated area.

**SECTION 09 - PREPARATION**

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