

SDS-97B
Revised July 10th, 2026

SAFETY DATA SHEET

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SECTION 1: IDENTIFICATION

PRODUCT NAME: CPD EPOXFLEX LT GROUT AGGREGATE KEVLAR FLAT

MANUFACTURER/SUPPLIER: CPD Construction Products
 219 Connie Crescent, Unit #13
 Concord, Ontario Canada L4K 1L4

24 HOUR EMERGENCY NUMBER: CANUTEC: (613) 996-6666

APPLICATION AND USE: High strength grout for patching joints etc. where either very high strength and/or chemical resistance are required.

PRODUCT DESCRIPTION: CPD Epoxflex LT Grout is a Silica filled thermosetting three component Epoxy (Low Modulus) Low Temperature Cure Compound. This SDS is for the Aggregate Component only.

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Carcinogenicity 1A (Inhalation); Specific target organ toxicity- Repeated exposure 1, Lungs



SIGNAL WORD: **DANGER**

HAZARD STATEMENTS: H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H350 May cause cancer by inhalation.
 H372 Causes damage to organs (Lung) through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:
 PREVENTION P260 Do not breathe dust.
 P264 Wash hands thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P281 Use personal protective equipment as required.
 P284 In case of inadequate ventilation, wear respiratory protection.

RESPONSE P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P308+P313 If exposed or concerned: Get medical advice/ attention.

OTHER HAZARDS: Not available.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	C.A.S. #	LD/50, Route, Species	LC/50, Route, Species
Silica Sand ** Quartz	100	14808-60-7	Not Available	Not Available
** The sand used in this product is pure Quartz. The Quartz that exists as particles with Aerodynamic Diameter less than 5 microns is hazardous. An approved dust mask (for Crystalline Silica) should be worn by workers when handling this product in the dry state. The small quantity of fibre in this aggregate is not hazardous.				

SECTION 4 : FIRST-AID MEASURES

FIRST-AID MEASURES

EYE CONTACT Remove contact lenses if present and easy to do so. Rinse with plenty of water, keeping the eyelids wide open.

SKIN CONTACT IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.

INHALATION Move to fresh air. Consult a physician after significant exposure.

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INGESTION	Immediately clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Do not give milk or other alcoholic beverages. Never give anything by mouth to an unconscious person.
SYMPTOMS AND EFFECTS, ACUTE OR DELAYED	Carcinogenic effects. May cause cancer by inhalation. Causes damage to organs (Lung) through prolonged or repeated exposure. Refer to Section 11 for detailed information on health effects and symptoms.
NOTE TO THE PHYSICIAN	Present this material safety data sheet to the doctor in attendance. Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	This product will not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
UNSUITABLE EXTINGUISHING MEDIA	No available information.
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	Not applicable.
FLAMMABILITY CLASSIFICATION	Not flammable.
HAZARDOUS COMBUSTION PRODUCTS	None.
FIRE-FIGHTERS PROTECTIVE EQUIPMENT ...	In the event of fire, wear self-contained breathing apparatus.
SPECIAL FIRE FIGHTING PROCEDURES	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.
ENVIRONMENTAL PRECAUTIONS	Do not flush into surface water or sanitary sewer system. For significant spillages advise local authorities.
METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN-UP	Pick-up and arrange disposal without creating dust. Keep in suitable, closed containers for proper disposal.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	Avoid formation of respirable particles. Avoid exceeding the given occupational exposure limits as listed in Section 8. Do not get in eyes, on skin or on clothing. For personal protection refer to Section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.
CONDITIONS FOR SAFE STORAGE	Product should be stored off the ground. May be stored outside or inside under tarp. Do not allow bags of aggregate to get wet. Aggregate cannot be used if wet.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS (respirable fraction in air): SILICA SAND (QUARTZ)	OSHA & MSHA-PEL 10 mg/m ³ (8-hour TWA) ACGIH-TLV 0.05 mg/m ³ (8-hour TWA) NIOSH 0.05 mg/m ³ (10-hour TWA, 40 h work week)
EXPOSURE CONTROLS: VENTILATION/ ENGINEERING MEASURES:	Provide adequate ventilation sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust or fumes, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

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RESPIRATORY PROTECTION	If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air.
SKIN PROTECTION	Wear adequate protective gloves/ clothing impervious to the material.
EYE/ FACE PROTECTION	Wear eye/ face protection. Safety goggles with side shields are recommended.
OTHER PROTECTIVE EQUIPMENT	An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on each workplace standards.
GENERAL HYGIENE CONSIDERATIONS	Do not eat, drink or smoke while working with this product. Do not breath dust or mist. Avoid contact with eyes, skin and clothing. Upon completion of work or prior to work breaks, wash hands thorough. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid
APPEARANCE	Grey, Granular Sand Aggregate
ODOUR	None
ODOUR THRESHOLD	Not available
pH LEVEL	Not available
MELTING/ FREEZING POINT	Not available
BOILING POINT	Not available
FLASH POINT	Not applicable
FLAMMABILITY	Not applicable
VAPOUR PRESSURE	Not available
RELATIVE VAPOUR DENSITY (Air=1) (mg/m3)	Not available
SPECIFIC GRAVITY @ 20°C (68°F)	2.2 grams/mL
VISCOSITY	Not available
KINEMATIC VISCOSITY	No data available
VOLATILES (% by WEIGHT)	Not available
VOC's (Volatile Organic Compounds)	Not applicable
SOLUBILITY IN WATER (%W/W)	Insoluble
PARTICLE CHARACTERISTICS	No data available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY	Non-reactive material.
CHEMICAL STABILITY	The product is chemically stable.
HAZARDOUS REACTIONS	Hazardous polymerization does not occur.
CONDITIONS TO AVOID	Avoid high humidity or wet conditions.
INCOMPATIBLE MATERIALS	No information available.
HAZARDOUS DECOMPOSITION PRODUCTS	None.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	Not classified based on available information.
MUTAGENICITY	Not expected to be mutagenic.
CARCINOGENICITY	Crystalline Silica is classified by IARC as 2A-possibly carcinogenic to humans.
REPRODUCTIVE EFFECTS	Not classified based on available information.
SENSITIZATION TO MATERIAL	Skin sensitization: Not classified based on available information. Respiratory sensitization: Not classified based on available information.
SPECIFIC TARGET ORGAN EFFECTS	Repeated Exposure: Causes damage to organs (Lungs) through prolonged or repeated exposure. Prolonged exposure can cause silicosis. Excessive exposure to crystalline silica dust particles (below 5 microns in diameter) could lead to the development of the irreversible lung disease "Silicosis".
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE	Pre-existing asthma.
SYNERGISTIC MATERIALS	None known.
TOXICOLOGICAL DATA	There is no data available for this product.

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SECTION 12: ECOLOGICAL INFORMATION		
ECOTOXICITY	No data is available for the product itself. Do not empty into drains.	
PERSISTANCE AND DEGRADABILITY	No data is available.	
BIOACCUMULATION POTENTIAL	No data is available.	
MOBILITY IN SOIL	No data is available.	
OTHER ADVERSE ENVIRONMENTAL EFFECTS	No adverse environmental effects.	
SECTION 13: DISPOSAL CONSIDERATIONS		
HANDLING FOR DISPOSAL	No special requirements. Handle in accordance with good industrial hygiene and safety practice.	
METHODS OF DISPOSAL	Dispose of as normal garbage or in accordance with all applicable federal, state, provincial and local regulations.	
SECTION 14: TRANSPORTATION INFORMATION		
TDG CLASSIFICATION	Not regulated.	
SECTION 15: REGULATORY INFORMATION		
TSCA INFORMATION	All ingredients listed in the composition of this product are either listed on the TSCA inventory or are in compliance with a TSCA inventory exemption.	
WHMIS CLASSIFICATION	Class D-Division 2, Subdivision A	
CPR (CANADA) COMPLIANCE	Meets all requirements.	
SECTION 16: OTHER INFORMATION		
ACGIH	American Confederation of Governmental Industrial Hygienists	
IARC.....	International Agency for Research on Cancer	
NTP.....	National Toxicology Program	
STEL	Short Term Exposure Limit	
PEL	Permissible Exposure Limit	
TLV-TWA	Threshold Limit Value - Time-Weighted Average	
OSHA	Occupational Safety and Health Administration	
NIOSH	National Institute for Occupational Safety and Health	
MSHA	Mine Safety and Health Administration	
CPR	Controlled Products Regulations	
CAS	Chemical Abstracts Service	
PPE	Personal Protection Equipment	
TSCA	Toxic Substances Control Act	
N/Av	Not available	
PREPARED BY:	Camelia Gardo	
TELEPHONE NUMBER:	(905) 669-5013	
PREPARATION DATE:	July 10 th , 2026	
The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.		