



ecocrete

Floor Coating Systems

SAFETY DATA SHEET

Item No. EPB05 & 06

SECTION 1: IDENTIFICATION

PRODUCT NAME: Epoxy Color Part B
CHEMICAL FAMILY: Cycloaliphatic Amine
RECOMMENDED USE: Concrete Sealer

MANUFACTURER'S NAME: Ecocrete Coatings, Inc.
ADDRESS: 258 East 10th Dr. Ste 104, Mesa, AZ 85210
INFORMATION PHONE: 480.361.6887
EMERGENCY CONTACT: (CHEMTREC) 800.424.9300

SECTION 2: HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION: Corrosive
SIGNAL WORD: DANGER!
HAZARD STATEMENT: Chronic contact may result in skin, respiratory tract and eye irritation and/or burns.

PICTOGRAMS:



PRECAUTIONARY STATEMENTS: **DANGER – HARMFUL IF SWALLOWED.** Keep away from heat. No smoking. Wear protective gloves. Wear eye or face protection. Avoid extreme temperatures and electrostatic discharge. **VAPORS HARMFUL.** Use outdoors or with adequate ventilation. If you start to experience any of the following: dizziness, headache, watery eyes, increase fresh air, wear respiratory protection or leave the area. Avoid contact with skin and eyes. Wash hands thoroughly after use. Keep container closed when not in use. Do not allow material to freeze – perishable if frozen. Dispose of contents/container in accordance with local, state and federal regulations.

POTENTIAL HEALTH EFFECTS: EYE – Irritation, burning, watery eyes, swelling, redness.
SKIN – Irritation, rash, burns.
INHALATION – Can cause irritation to the eyes, nose, throat and respiratory tract. Significant, prolonged or repeated exposure may cause damage to the respiratory system.
INGESTION – Harmful if ingested. Can cause irritation or damage to the digestive system.



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CHRONIC – Repeated or overexposure may cause irritation/burns or sensitization/damage.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	%	CAS#	EXPOSURE LIMITS
Benzyl Alcohol	>24%	100-51-6	N/E
Formaldehyde,polymer with benzenamine,hydrogenated	>24%	135108-88-2	N/E
Cyclohexanamine,4,4'-methylenebis	>5%	1761-71-3	N/E
Phenol,4(1,1-dimethylethyl)	<5%	98-54-4	N/E
1,3-Benzenediamethanamine	<3%	1477-55-0	N/E
Trimethylhexamethylenediamine	>2%	25620-58-0	N/E

SECTION 4: FIRST-AID MEASURES

- EYE:** Hold eyelids apart and rinse cautiously and thoroughly with water. Seek medical attention.
- SKIN:** Rinse contaminated skin immediately with plenty of water and soap. Remove contaminated clothing and wash before reuse. If irritation persist, seek medical attention.
- INHALATION:** Remove person to fresh air. Seek medical attention.
- INGESTION:** Rinse mouth. DO NOT induce vomiting. Call Poison Control Center.

SECTION 5: FIRE-FIGHTING MEASURES

- FLASH POINT:** >96° C **UEL:** 13% **LEL:** 1.3% **VAPOR DENSITY:** 1.03
- COMBUSTION PRODUCTS:** CO, CO₂, Toxic fumes, Ammonia gas, NO_x
- SPECIAL HAZARDS:** Firefighters should wear full protective clothing and a Self-contained breathing apparatus (SCBA). Use DOT Response Guide #127.
- EXTINGUISHING MEDIA:** Use alcohol resistant foam, CO₂, dry chemical, limestone powder.
- FIRE FIGHTER INSTRUCTIONS:** Wear full gear and SCBA. Stay upwind and keep out of low areas.
- FIRE & EXPLOSION HAZARD:** Containers may explode when heated. Run off to sewers may cause fire or explosions.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

- SPILL OR LEAK:** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling product must be grounded. Do not touch or walk through spilled material. Wear proper personal protection equipment. Isolate spill area. Keep out of sewer and storm drains. Stop leak if you can do it without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to appropriate containers with clean non-sparking tools.
- LARGE SPILL:** Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but may not prevent ignition in closed spaces. Refer to above procedures.

SECTION 7: HANDLING AND STORAGE

- HANDLING:** Avoid contact with skin or eyes and breathing vapors by use of personal protective equipment. Do not eat or smoke while handling this product. Wash skin and/or clothing with soap and water after handling or exposure to this product.
- STORAGE:** Store in cool, dry, well-ventilated areas. Keep containers closed when not in use. Avoid points of ignition and excessive heat. Perishable if frozen

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

- EXPOSURE CONTROLS:** For OSHA Personal Exposure Limits (PEL) and ACGIH Threshold Limit Values (TLV), or other exposure limits, refer to §3.
- PERSONAL PROTECTION:** GENERAL: Provide adequate ventilation or exhaust to keep airborne concentration to a minimum.
EYE/FACE: Safety glasses, goggles, or face shield.
SKIN: Chemical resistant gloves and clothing.
RESPIRATORY: NIOSH approved respirator with organic vapor/ HEPA filter cartridges.

ICONS:





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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Amber	UEL/ LEL:	N/E / N/E
ODOR:	Ammonia odor	VAPOR PRESSURE:	0.7 mmHg @ 20° C
ODOR THRESHOLD:	N/A	VAPOR DENSITY:	0.98 g/cm ³ @ 20° C
pH:	9-12 (alkaline)	RELATIVE DENSITY:	N/E
MELTING POINT:	N/E	FREEZING POINT:	N/E
SOLUBILITY IN WATER:	Immiscible	BOILING POINT:	>223° C
EVAPORATION RATE:	>1	FLASH POINT:	>100° C
FLAMMABILITY:	Solid	SPECIFIC GRAVITY:	1.06
VOLATILE ORGANIC COMPOUND (VOC):	0 g/l	AUTO-IGNITION TEMPERATURES:	N/E

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under normal conditions
INCOMPATIBILITY:	Nitrites, nitrous oxide/acids, organic and mineral acids, or oxidizing agents and peroxides.
HAZARDOUS POLYMERIZATION:	Will not occur Reaction with Peroxide may cause a dangerous and/or explosive decomposition of peroxide. N-nitrosamines (a known potent carcinogens) may be formed when product is in contact with nitrous acid/oxide, or nitrites. Nitrogen oxides, ammonia, CO, CO ₂ , aldehydes, flammable hydrocarbon fragments
HAZARDOUS DECOMPOSITION:	

SECTION 11: TOXICOLOGICAL INFORMATION

ORAL:	N.D.A.
DERMAL:	N.D.A.
INHALATION:	N.D.A.
INGESTION:	N.D.A.
CARCINOGENS UNDER NTP, IARC, OR OSHA:	None

SECTION 12: ECOLOGICAL INFORMATION

N.D.A.



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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable federal, state, and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

DOT: UN2275, Amines, Liquid, Corrosive, n.o.s (Benzyl Alcohol), 8, PGIII

IATA: UN2275, Amines, Liquid, Corrosive, n.o.s (Benzyl Alcohol), 8, PGIII

SECTION 15: REGULATORY INFORMATION

OSHA 29 CFR 1910.1200 (HCS) PICTOGRAMS:

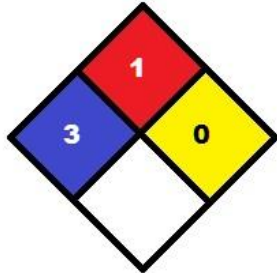


TSCA: Contains listed ingredients

CA PROP 65: Not listed

SARA TITLE III: §302: Not considered to be extremely hazardous
§311 & §312: Considered to be a Slight Health Hazard
§313: Not considered a Toxic Chemical

NFPA 704:



HMIS:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

SECTION 16: OTHER INFORMATION

ABBREVIATIONS: N/A: Not Applicable; N.D.A.: No Data Available; N/E: Not Established

DISCLAIMER: The data set forth in this sheet are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. Ecocrete Coatings, Inc. makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.