

1. Identification

Product Identifier: **WATERBASED EPOXY HARDENER PART-B**
 Product Use: Floor Coating
 Manufacturer: Granicrete International, Inc.
 4602 S 36th St
 Phoenix, AZ 85040
 Phone Number: 602-438-9464
 Emergency Phone: PERS 800-633-8253
 001-801-629-0667

2. Hazards Identification

GHS Classification:

- Skin Irritation, Category 2
- Eye Irritation, Category 2A
- Skin sensitization, Category 1
- Acute aquatic toxicity, Category 2
- Chronic aquatic toxicity, Category 2

Label Elements: Warning



Hazard Phrases

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H319 Causes serious eye irritation. H315 Causes skin irritation.
- H317 May cause an allergic skin reaction. H401 Toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Phrases

- P261 Avoid breathing mist, vapor, or spray.
- P264 Wash hands thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the work area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing, eye protection, and face protection.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333 + P313 If skin irritation or rash occurs: Get medical advice or attention.
- P337+P313 If eye irritation occurs: Get medical help.
- P362+P364 Take off contaminated clothing and wash before reuse.
- P391 Store locked up.
- P501 Dispose of contents and container in accordance with local, regional and national regulations.

Supplemental Information: Read and understand the hazard information on curative before using.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Modified Cycloaliphatic Amine Reaction Product	Proprietary	3-10
Tetraethylenepentamine	112-57-2	1-10
Polyamine Polymer	Proprietary	40-70

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water for 15 minutes, holding the eyelids open to be sure the material is washed out. Remove contact lenses if safe and easy to do. Continue rinsing. Get medical attention if irritation persists. **Skin Contact:** Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation persists. **Inhalation:** Remove person to fresh air. Get medical attention if symptoms persist. **Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Get medical attention. **Most Important Symptoms/Effects:** Causes serious eye irritation. May cause an allergic skin reaction. **Indication of Immediate Medical Attention/Special Treatment:** No specific antidote. Supportive care. Treatment to be based on judgment of the physician in response to reactions of the patient.

5. Fire-Fighting Measures

Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Do not use solid water stream. Solid stream of water into hot product may cause violent steam generation or spread fire. **Specific Hazards:** Not classified as flammable or combustible. Product will burn under fire conditions. Combustion products include oxides of carbon, phenolics, aldehydes and other toxic organic compounds. **Special Protective Equipment & Precautions for Fire-Fighters:** Wear positive pressure, self-contained breathing apparatus and full-body protective clothing. **NFPA HAZARD RATING:** 4 = EXTREME; 3 = HIGH; 2 = MODERATE; 1 = SLIGHT; 0 = INSIGNIFICANT

NFPA HAZARD

HEALTH:	1	HEALTH:	
FLAMMABILITY:	1	FLAMMABILITY:	
REACTIVITY:	0	REACTIVITY:	
OTHER:	N/A		

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Clear unnecessary, unprotected personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors. **Methods and Materials for Containment and Cleanup:** Cover with an inert absorbent material and collect into an appropriate container for disposal. Avoid releases to the environment. Dispose of in accordance with applicable local

and federal environmental laws and regulations.

7. Handling and Storage

Safe Handling: Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Do not eat, drink, or smoke in the work area. Keep container closed when not in use.

Safe Storage: Store indoors at temperatures below 120°F (49°C). Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: None established.

Ventilation: Use with adequate general or local exhaust ventilation to minimize exposure levels.

Respiratory Protection: If needed, an approved respirator with organic vapor cartridges may be used. Respirator selection and use should be based on contaminant type, form, and concentration. For higher exposures or in an emergency, use a supplied-air respirator.

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.

Eye Protection: Wear chemical safety glasses/goggles.

Other Protective Measures: Prevent skin contact and contamination of personal clothing. An eye wash facility and washing facility should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and Chemical Properties

Appearance: Liquid, straw colored unless pigment tinted

Odor: Faint Epoxy

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Boiling Point: F: >252°C

Flash Point: N/A

Evap. Rate: No data available

Upper/Lower Flammability Limits: No data available

Vapor Pressure: No data available

Vapor Density: No data available

Relative Density: 1.12 – 1.14 @ 20°C

Solubility: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions. After prolonged storage, may crystallize.

Possibility of Hazardous Reactions: Masses of ≥1 lb. (0.5 kg) plus aliphatic amine will cause irreversible polymerization with considerable heat build-up. Material will polymerize with sodium hydroxide.

Conditions to Avoid: Avoid excessive heat.

Incompatible Materials: Avoid contact with strong oxidizing agents, acids, alkalis, amines, mercaptans.

Hazardous Decomposition Products: Uncontrolled exothermic reaction of epoxy resin releases carbon monoxide, carbon dioxide, phenolics, and aldehydes.

11. Toxicological Information

Eye Contact: Causes serious eye irritation.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Inhalation: Vapors from heated product may cause respiratory irritation.

Ingestion: No data available.

Chronic Health Effects: May cause an allergic skin reaction.

Acute Toxicity Values: Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Based on available Data, the classification criteria are not met.

Respiratory Sensitization: Components are not respiratory sensitizers.

Skin Sensitization: Components are classified as skin sensitizers.

Germ Cell Mutagenicity: Components are not mutagens.

Carcinogenicity: Components are not carcinogens.

Reproductive Toxicity: Components are not reproductive toxins.

Specific Target Organ Toxicity: Not classified based on available data.

Chronic Toxicity/Effects

Repeated dose toxicity: Assessment of repeated dose toxicity: No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

Genetic toxicity: Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Carcinogenicity: Assessment of carcinogenicity: Based on the ingredients there is no suspicion of a carcinogenic effect in humans. Based on available Data, the classification criteria are not met.

Reproductive toxicity: Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Teratogenicity: Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Other Information: The product has not been tested. The statement has been derived from the properties of the individual components.

Symptoms of Exposure

12. Ecological Information

Ecotoxicity: No information available.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: N/A

Mobility in Soil: No data available.

13. Disposal Considerations

Do not dump to ground, sewers, or watercourses. Dispose according to local, state, and federal regulations.

For U.S.: Upon disposal, this product is not a RCRA hazardous waste (per 40 CFR 261).

14. Transport Information

DOT: Not Dangerous Goods

IATA/IMDG: Not Dangerous Goods

Emergency Shipping Information: Call PERS 800-633-8253

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements.

SARA TITLE III

Section 311/312: Acute Health

Section 313 Toxic Chemicals: This product contains no chemicals subject to SARA Title III Section 313 Reporting requirements.

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All components in this product are listed on TSCA.

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: Intended for Industrial/Professional use only.

SDS Revision Notes: GHS Format: October 7, 2024

Disclaimer: The information contained herein is considered accurate; however, Granicrete International, makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.