

1. MATERIAL IDENTIFICATION

Product Name: Epoxy Resin Product # AB9112 Resin

Emergency Phone: For emergencies involving spill, leak, fire, or accident call CHEMTREC at (800) 424-9300. For all other inquiries call American Fiber Optic Technologies (757)-306-3305.

2. COMPOSITION

Hazardous Components	CAS No.	Percent	<u>Exposure limits</u>	
			ACGIH TLV-TWA	OSHA PEL
Epoxy Resin Blend	Proprietary	< 100	N.E.	N.E.

Abbreviations: N.E. =Not established

3. HEALTH HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eyes: Yes Skin: Yes Inhalation: No

Eye Contact: May cause irritation.

Skin Contact: May cause irritation, allergic reactions, and sensitization.

4. FIRST AID MEASURES

Eyes: Flush eye thoroughly with water, for 15 minutes while holding eyelids open. Seek immediate medical attention.

Skin: Remove contaminated clothing, wipe excess from skin, and flush the affected area with water. Follow by washing with soap and water. Wash contaminated clothing thoroughly before reuse. If irritation persists after the affected is obtained medical attention. Contaminated leather articles, such as shoes, cannot be decontaminated and should be destroyed.

Inhalation: Remove to fresh air, and provide oxygen or artificial respiration if needed. Obtain medical attention.

Ingestion: Do NOT induce vomiting. Obtain medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point:	>200°F estimated
Explosive Limits:	Not determined
Auto-Ignition :	Not determined
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, aldehydes, acids, and other organic substances.

EXTINGUISHING MEDIA and FIRE FIGHTING INSTRUCTIONS

When sufficiently large quantities are present, firefighters should be equipped with full bunker gear, including a positive pressure NIOSH approved, self-contained breathing apparatus. Fire exposure containers may be cooled with water.

Extinguishing Media – Use carbon dioxide, dry chemical, or an appropriate foam.

6. ACCIDENTAL RELEASE MEASURES

Ventilate the spill area, and evacuate if necessary. Shut off the source of the leak if it is safe to do so. Remove all ignition sources. Dike and contain large spills. Absorb with clay, sand, or another suitable material, and dispose of properly.

Clean-up personnel should use adequate protective equipment.

7. HANDLING AND STORAGE

Store in a cool dry place. Keep away from ignition sources and high temperatures. Avoid contact with incompatible materials. Wear protective eyewear, chemical-resistant gloves, and other protective clothing as appropriate. Some curing agents, if mixed with this product in sufficiently large quantities, can cause exothermic reactions and runaway polymerization, yielding fumes which vary widely in composition and toxicity. Do not breathe fumes.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering / Ventilation Controls:	General Ventilation may be acceptable under most conditions, although local ventilation is required to control exposure whenever vapors, mists, or dusts are generated. Eye wash stations should be readily available.
Respiratory Protection:	When local ventilation is unavailable and airborne limits are exceeded a NIOSH-approved respirator for organic vapors, a supplied-air respirator or a self-contained breathing apparatus is required.
Skin Protection:	Impervious gloves and protective clothing should be worn as necessary.
Eye Protection:	Chemical splash goggles or safety glasses with side shields should be worn as appropriate.

9. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and use.

Conditions and Materials to Avoid: Keep away from ignition sources and high temperatures. Reacts with acids, bases, and strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes, acids, and other organic substances.

Hazardous Polymerization: Will not occur.

10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / State:	pale yellow liquid	Boiling Point:	Not determined
Odor:	Not determined	Freezing Point:	Not determined
pH:	Not determined	Specific Gravity:	Not determined
Vap. Pressure(mmHG)	Not determined	Solubility in water:	Negligible
Vap. Density (=)	Not determined		

11. TOXICOLOGICAL INFORMATION

This product is not known to have undergone toxicological testing.

12. DISPOSAL CONSIDERATIONS

Keep out of surface water, sewers, and waterways entering or leading to surface waters. Notify authorities if any exposure to the environment occurs or is likely to occur. Utilize an appropriate disposal facility, in compliance with applicable federal, state, and local environmental control regulations.

13. TRANSPORTATION INFORMATION

DOT/Proper shipping Name: Not Regulated
Hazard Class: None PG: None ERG: None Hazard labels: None

14. ECOLOGICAL INFORMATION

No data found.

15. REGULATORY INFORMATION

TSCA

The chemical components of this product are included in the TSCA Chemical Substance Inventory, as required.

SARA TITLE III

Section 313-Toxic Chemicals

Pursuant to Section 313, this product does not contain any chemicals in a concentration equal to or greater than the *de minimis* level

Section 311/312- Hazard Categories

Fire Hazard:	No	Immediate (Acute) Health Hazard:	Yes
Reactivity Hazard:	No	Delayed (chronic) Health Hazard:	No
Sudden Release of Pressure Hazard:	No		

NI-PA Hazards:	Health: 1	Flammability: 1	Reactivity: 0
HMIS Hazards:	Health: 1	Flammability: 1	Reactivity: 0