



Adhesives

THE ONLY ADHESIVE LINE DEVELOPED EXCLUSIVELY FOR FIBER OPTICS

**1. MATERIAL IDENTIFICATION**

Product Name:



Emergency Phone:

For product emergencies involving spill, leak, fire, exposure, or accident call CHEMTREC at (800) 424-9300. For all other inquiries call **Fiber Optic Center™, Inc.** at (800) 473-4237.

**2. COMPOSITION**

Hazardous Components	CAS No.	Percent	Exposure Limits	
			ACGIH TLV-TWA	OSHA PEL
Polyalkylamine	112-57-2	20-50	N.E.	N.E.
Poly amine	27308-78-7	10-30	N.E.	N.E.
Filler	21645-51-2	20-40	N.E.	N.E.
Accelerator	Privileged	1-10	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.

**Inhalation:** None likely unless heated to high temperatures

**Ingestion:** Effects are not known.

**Other:** Preexisting skin and eye disorders may be aggravated by exposure to this product. Individuals with preexisting skin or lung allergies may experience increased allergy symptoms upon exposure to this product.

**4. FIRST AID MEASURES**

**Eyes:** Flush eyes thoroughly with water for 20 minutes while holding eyelids open. Seek medical attention.

**Skin:** Promptly wash with soap & water. Promptly remove contaminated clothing, wash before reuse. Destroy contaminated leather and absorbent shoes.

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

**Ingestion:** If conscious, give a large quantities of water or milk, induce vomiting. Call a Physician.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES**

**Flash Point:** > 350°F, closed cup  
**Explosive Limits:** Not determined  
**Auto – Ignition Temperature:** Not determined  
**Hazardous Decomposition Products:** carbon mono oxide and Carbon Dioxide  
**Unusual Fire or Explosion Hazard:** Decomposition & combustion products may be toxic

**EXTINGUISHING MEDIA and FIRE FIGHTING INSTRUCTIONS**

Use self contained breathing apparatus  
**Extinguishing Media:** Use carbon dioxide, dry chemical, or an appropriate foam.

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## 6. ACCIDENTIAL RELEASE MEASURES

For small spills: Wipe up, or absorb with vermiculite or other absorbent material. Collect waste in sealed containers. Scrub area with soapy water and rinse. Prevents rinses from entering drains or other waterways. Spilled material and water rinses are classified as chemical waste, and must be disposed of according to current local, state, and federal regulations.

For large spills: Dike area to contain spilled material and to runoff into drains, sewers, and other waterways. Shovel or pump to drum or salvage tank. Absorbed residual material with sand, vermiculite, or other absorbent material. Scrape or shovel absorbed waste and absorbent into containers. Scrub area with soapy water and rinse. Prevents rinse from entering drains or other waterways.

## 7. HANDLING AND STORAGE

Store in cool, dry area in closed containers. Wear protective eyewear, chemical-resistant gloves, and other protective clothing as appropriate.

## 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:** Strong oxidizers, amines, amides, strong Lewis or mineral acids, thiosulfates, carboxylic acids, alcohol, mercaptans. Reaction with curing agents is exothermic; Smoke or fumes may be evolved if heat of reaction becomes excessive due to high curing temperature or curing of large masses of material. Storage in open containers, expose to heat and/or open flame.

**Hazardous Decomposition Products:** Carbon Monoxide and Carbon Dioxide

**Hazardous Polymerization:** Will not occur.

## 10. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance / State:</b>	Dark Blue	<b>Boiling Point:</b>	Not determined
<b>Odor:</b>	Amine Odor	<b>Freezing Point:</b>	Not determined
<b>pH:</b>	Not determined	<b>Specific Gravity:</b>	1.12-1.20
<b>Vap. Pressure (mmHG):</b>	< 1	<b>Solubility in Water:</b>	Negligible
<b>Vap. Density (air = 1):</b>	> 1		

## 11. DISPOSAL CONSIDERATIONS

Keep out of surface waters, 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.

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**13. TRANSPORTATION INFORMATION**

DOT/IATA Proper Shipping Name: Amines, Liquid, Corrosive, N.O.S.  
Hazard Class: 8      Packing Group: III      ID: UN2735      Label: Corrosive

For UN2735 (Corrosive, amine), Hazard Class 8(corrosive materials), Packing group III, not hazardous under 4.0 liters per outer package.

**14. 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		

<b>NFPA Hazards:</b>	Health: 2	Flammability: 1	Reactivity: 0
<b>HMS Hazards:</b>	Health: 2	Flammability: 1	Reactivity: 0

**Fiber Optic Center™, Inc.** urges each customer or recipient of this MSDS to study it carefully in order to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and/or fire prevention, as necessary to use and understand the data contained in this MSDS.

To promote safe handling, customers and recipients should: 1 – notify their employees, agents, contractors, and others whom they know or suspect will use this material or the information in this MSDS and any other information regarding hazards or safety; 2 – furnish this same information to each of their customers for the product; and 3 – request their customers to notify their employees, customers and other users of the product of this information.

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