



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 inquires call **Fiber Optic Center™, Inc.** at (800) 473-4237.

2. COMPOSITION

Exposure Limits

Hazardous Components	CAS No.	Percent	ACGIH TLV-TWA	OSHA PEL
Imidzaole Blend	Proprietary	< 100	N.E.	N.E.
Aliphatic Amine	Proprietary	< 5	N.E.	N.E.

Abbreviations: N.E. = Not Established

3. HEALTH HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eyes: Yes Skin: Yes Inhalation: Yes

Eye Contact: Corrosive. May cause burns and permanent injury, including blindness. May cause irritation upon vapor contact.

Skin Contact: Corrosive. May cause dermatitis, sensitization, and deep burns. May be toxic if absorbed through the skin.

Inhalation: May be corrosive. May cause allergic reaction, irritation, and inflammation of the lungs.

Ingestion: Corrosive. Will cause illness. May cause severe gastric disturbances and permanent damage.

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

4. FIRST AID MEASURES

Eyes: Flush eyes thoroughly with water for 30 minutes while holding eyelids open. Seek immediate medical attention.

Skin: Remove contaminated clothing, wipe excess from skin, and wash the affected area with soap and water. Flush with water for ten minutes. Do not reuse contaminated clothing. Seek immediate medical attention.

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

Ingestion: Do NOT induce vomiting. Dilute with water or milk unless the victim is drowsy, convulsing, or unconscious. Obtain emergency medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point: > 210°F, estimated
Explosive Limits: Not determined
Auto-Ignition Temperature: Not determined
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides, and nitric gases

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.
Extinguishing Media: Use water fog, carbon dioxide, dry chemical, or an appropriate foam.

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Fiber Optic Center™, Inc., 23 Centre Street, New Bedford, MA, 02740-6322, USA E-mail: sales@focenter.com
 Toll Free: (800) IS-FIBER or (800) 473-4237 • Phone: (508) 992-6464 • Fax: (508) 991-8876 • Website: www.focenter.com



The only adhesive line developed exclusively for fiber optics

6. ACCIDENTIAL 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 a 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.

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, 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 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 oxidizers and acids.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides, and nitric gases.

Hazardous Polymerization: May occur.

10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/State:	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:	Not determined
Vap. Density (air = 1):	Not determined		

11. TOXICOLOGICAL INFORMATION

This section provides toxicological information with regard to the pure form of the components indicated. It is suggested that this information be interpreted by persons trained in its evaluation.

Imidazole Blend

Acute Oral LD50: > 970 mg/kg, rat

Aliphatic Amine

Repeated exposures to high vapor concentrations may cause injury to the liver, kidney, and respiratory tract.

12. 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: Corrosive Liquid, N.O.S. (imidazole)

Hazard Class: 8

Packing Group: III

ID: UN1760

Label: Corrosive

14. REGULATORY INFORMATION**TSCA**

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

SARA TITLE IIISection 313 – Toxic ChemicalsPursuant 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:	Yes
Sudden Release of Pressure Hazard:	No		

NFPA Hazards: Health: 3

Flammability: 1

Reactivity: 0

HMIS Hazards: Health: 3

Flammability: 1

Reactivity: 0

STATE REGULATIONS / RIGHT TO KNOW**California Proposition 65:** This product contains a chemical or chemicals which are recognized by the State of California to cause cancer, birth defects, or other reproductive harm.

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.

The information contained herein is based on the data available to **Fiber Optic Center™, Inc.**, and is believed to be correct. However, **Fiber Optic Center™, Inc.** makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. **Fiber Optic Center™, Inc.** assumes no responsibility for injury from the use of the product described herein.

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