



ADHESIVES

THE ONLY ADHESIVE LINE DEVELOPED EXCLUSIVELY FOR FIBER OPTICS

1. MATERIAL IDENTIFICATION

Product Name:


ÅNGSTRÖMBOND® AB9113SC RESIN

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. COMPOSITIONExposure Limits

Hazardous Components	CAS No.	Percent	ACGIH TLV-TWA	OSHA PEL
Glycidyl Ether Mixture	Proprietary	< 100	N.E.	N.E.

Abbreviations: N.E. = Not Established

3. HEALTH HAZARDS IDENTIFICATION**Effects of Overexposure:**

Material is a strong sensitizer and repeated contact or inhalation may cause irritation. Eye and skin contact may cause transient irritation.

4. FIRST AID MEASURES**Eyes:** Flush eyes thoroughly. Seek medical attention.**Skin:** Remove contaminated clothing, wipe excess from skin, and wash the affected area with soap and water. Wash contaminated clothing thoroughly before reuse. Obtain medical attention.**Inhalation:** Remove to fresh air, and provide oxygen or artificial respiration if needed.**Ingestion:** Give at least 3 to 4 glasses of water unless the patient is drowsy, convulsing, or unconscious. Do not induce vomiting.**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES****Flash Point:** > 214°F**Explosive Limits:** N/A**Auto-Ignition Temperature:** N/A**Hazardous Decomposition Products:** Formaldehyde, carbon oxides, silicon dioxide, and aldehydes.**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, carbon dioxide, dry chemical, or an appropriate foam.

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Rev. B

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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



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6. ACCIDENTIAL RELEASE MEASURES

Clean affected area and transfer to disposal container. Avoid skin and eye contact.

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 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 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 strong acids, certain organics, and metallic acids. Avoid uncontrolled amine reactions.

Hazardous Decomposition Products: Formaldehyde, carbon oxides, silicon dioxide, and aldehydes.

Hazardous Polymerization: Will not occur.

10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/State: Light amber liquid

Odor: N/A

Specific Gravity: 1.3

Solubility in Water: Low

Boiling Point: > 350°F

Freezing Point: N/A

Vap. Pressure (mmHG): < 1

Vap. Density (air = 1): > 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.

12. TRANSPORTATION INFORMATION

DOT/IATA Proper Shipping Name: Not regulated. No hazard label is required.

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13. TOXICOLOGICAL INFORMATION

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

Glycidyl Ether Mixture

Acute Oral LD50: > 5000 mg/kg (rat)

Acute Dermal LD50: > 6000 mg/kg (rabbit)

Acute Inhalation LC50 of one of the chemicals in this mixture: 3466 mg/m³

This component has been determined to be mildly irritating to the skin of a rabbit, sensitizing to the skin of a guinea pig, and nonirritating to the eyes of a rabbit.

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 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		

NFPA Hazards:	Health: 2	Flammability: 1	Reactivity: 0
HMIS Hazards:	Health: 2	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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