

# SAFETY DATA SHEET (SDS)



**Manufacturer:**  
ÅngströmBond®

**Product Name:**  
ÅngströmBond® AB9195 Flexible Epoxy, Room Temperature & Heat Cure (2.5g)

**Manufacturer Part Number:**  
AB9195-2.5G

▶ Click here for more details on the ÅngströmBond® AB9195 Flexible Epoxy, Room Temperature & Heat Cure (2.5g)



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ÅngströmBond® AB9195 Resin  
Page 1 of 3

ADHESIVES

## 1. MATERIAL IDENTIFICATION

Product Name:

ÅNGSTRÖMBOND® AB9195 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. COMPOSITION

### Exposure Limits

Hazardous Components	CAS No.	Percent	ACGIH TLV-TWA	OSHA PEL
Diglycidyl Ether Bisphenol-A epoxy resin	Proprietary	< 100	N.E.	N.E.
Polyglycol diepoxide resin	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: Irritating to eyes

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

Inhalation: No known effects unless superheated.

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:** If in eye, immediately flush with water at least 15 minutes. Hold eyelids open. Flush only. Do not rub eye or wipe with cotton. Product contains an abrasive. Promptly see an eye physician.

**Skin:** 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 obtain medical attention.

**Inhalation:** Supply fresh air. For added safety, call a doctor. In case of unconsciousness place patient in a stable side position for transportation.

**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 Temperature: Not determined  
Hazardous Decomposition Products: Carbon oxides

### 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-exposed containers may be cooled with water.

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

Rev. D 11/2025

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

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**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

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Page 2 of 3

Adhesives

## 6. ACCIDENTAL RELEASE MEASURES

Use Mouth respiratory protective device. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

## 7. HANDLING AND STORAGE

Store in cool, dry place in tightly closed receptacles. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Use only in well ventilated areas. Keep receptacle tightly sealed.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Respiratory Protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

### Skin Protection:

Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material is based on consideration of the penetration times, rates of diffusion and the degradation of the material.

### Eye Protection:

Tightly Sealed Goggles

## 9. STABILITY AND REACTIVITY

### Chemical Stability:

Stable under normal conditions and use.

### Conditions and Materials to Avoid:

Reacts with amines.

### Hazardous Decomposition Products:

Irritant gases/vapors

### Hazardous Polymerization:

Will not occur.

## 10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / State: Clear liquid  
Odor: Mild odor  
pH: Not determined  
Vap. Pressure (mmHG): 7.5 hPa  
Vap. Density (air = 1): Not determined

Boiling Point: Not determined  
Freezing Point: Not determined  
Specific Gravity: 1.1  
Solubility in Water: Negligible

## 11. TOXICOLOGICAL INFORMATION

polyglycol diepoxide resin  
Oral LD50 2000 mg/kg (rat)  
Dermal LD50 2000 mg/kg (rat)

## 12. DISPOSAL CONSIDERATIONS

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

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Page 3 of 3

ADHESIVES

## 13. TRANSPORTATION INFORMATION

DOT/IATA Proper Shipping Name: Not regulated.

## 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.

## 15. ECOLOGICAL INFORMATION

Toxic for fish Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms  
Water hazard class 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

**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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