

# 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)



ÅNGSTRÖMBOND®

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

ÅngströmBond® AB9195 Hardener  
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ADHESIVES

## 1. MATERIAL IDENTIFICATION

Product Name:

ÅNGSTRÖMBOND® AB9195 HARDENER

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
Trade Secret	Proprietary	< 100	N.E.	N.E.
Abbreviations: N.E. = Not Established				

## 3. HEALTH HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Eyes: No

Skin: Yes

Inhalation: Yes

**Eye Contact:** Severe eye and eyelid membrane irritation

**Skin Contact:** Will cause dermal burns.

**Inhalation:** Heated vapors may produce irritation, shortness of breath, and dizziness.

**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 15 minutes while holding eyelids open. Seek medical attention.

**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:** 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:** > 190°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 water spray.

**Fiber Optic Center™, Inc.**, 23 Centre Street, New Bedford, MA, 02740-6322, USA  
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Website: www.focenter.com

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

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### 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, 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.

**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:** Carbon dioxide may cause decomposition.

**Hazardous Decomposition Products:** Carbon oxides, ammonia, nitrogen oxide, traces of phenol.

**Hazardous Polymerization:** Will not occur.

### 10. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance / State:** Pale yellow liquid

**Odor:** Ammoniacal odor

**pH:** Not determined

**Vap. Pressure (mmHG):** < 1

**Vap. Density (air = 1):** Not determined

**Boiling Point:** 390°F

**Freezing Point:** Not determined

**Specific Gravity:** 1.0

**Solubility in Water:** Negligible

### 11. TOXICOLOGICAL INFORMATION

This product is not known to have undergone toxicological testing.

### 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.  
ID: UN1760 Hazard Class: 8 Packaging Group: III

### 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.

**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.

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