

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® AB9195 Resin
Page 1 of 3

Adhesives

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

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

Hazardous Components	CAS No.	Percent	Exposure Limits	
			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.

ÅNGSTRÖMBOND® is a REGISTERED TRADEMARK of FIBER OPTIC CENTER, INC., NEW BEDFORD MA, USA

Fiber Optic Center™, Inc. MAKES NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS OR OTHERWISE, with respect to its products. In addition, while the information herein is believed to be reliable, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. All recommendations or suggestion for use are made without guarantee – inasmuch as conditions of use are beyond our control. The properties given are typical values, and are not intended for use in preparing specifications. Users should make their own test to determine the suitability of this product for their own purposes.

Rev. C 9/2008

Data is subject to change without notice.

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

23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



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)



ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

ÅngströmBond® AB9195 Resin
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	Boiling Point:	Not determined
Odor:	Mild odor	Freezing Point:	Not determined
pH:	Not determined	Specific Gravity:	1.1
Vap. Pressure (mmHG):	7.5 hPa	Solubility in Water:	Negligible
Vap. Density (air = 1):	Not determined		

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.

ÅNGSTRÖMBOND® is a REGISTERED TRADEMARK of FIBER OPTIC CENTER, INC., NEW BEDFORD MA, USA

Fiber Optic Center™, Inc. MAKES NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS OR OTHERWISE, with respect to its products. In addition, while the information herein is believed to be reliable, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. All recommendations or suggestion for use are made without guarantee -- inasmuch as conditions of use are beyond our control. The properties given are typical values, and are not intended for use in preparing specifications. Users should make their own test to determine the suitability of this product for their own purposes.

Rev. C 9/2008

Data is subject to change without notice.

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

23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



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)



ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

ÅngströmBond® AB9195 Resin
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.

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.

ÅNGSTRÖMBOND® is a REGISTERED TRADEMARK of FIBER OPTIC CENTER, INC., NEW BEDFORD MA, USA

Fiber Optic Center™, Inc. MAKES NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS OR OTHERWISE, with respect to its products. In addition, while the information herein is believed to be reliable, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. All recommendations or suggestion for use are made without guarantee – inasmuch as conditions of use are beyond our control. The properties given are typical values, and are not intended for use in preparing specifications. Users should make their own test to determine the suitability of this product for their own purposes.

Rev. C 9/2008

Data is subject to change without notice.

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

23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com

