

SAFETY DATA SHEET (SDS)



Manufacturer:
ÅngströmBond®

Product Name:
ÅngströmBond® AB9075 Flexible Optical Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:
AB9075-3CC

► Click here for more details on the ÅngströmBond® AB9075 Flexible Optical Adhesive, UV Cure (3cc Syringe)



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Adhesives

The only adhesive line developed exclusively for fiber optics

1. MATERIAL IDENTIFICATION

Product Name:

ÅngströmBond AB9075

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	OSHA PEL	OTHER	
			ACGIH TLV-TWA		TWA	PEL
Aliphatic Urethane Acrylate	proprietary	20-30	N.E.	N.E.	N.E.	N.E.
Aliphatic Urethane Acrylate	proprietary	30-40	N.E.	N.E.	N.E.	N.E.
2-Ethylhexyl acrylate	103-11-7	5-10	N.E.	N.E.	N.E.	N.E.
Isobornyl Acrylate	5888-33-5	20-25	N.E.	N.E.	N.E.	N.E.
Photoinitiator	proprietary	1-5	N.E.	N.E.	N.E.	N.E.

3. HEALTH HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eyes: Yes Skin: Yes Inhalation: Yes
Eye Contact: Mild eye irritant.
Skin Contact: May result in irritation
Inhalation: Mild respiratory irritant.
Ingestion: Moderately toxic by ingestion.

4. FIRST AID MEASURES

Eyes: Flush with warm water. Seek medical attention.
Skin: Wash with soap and water. Avoid exposure to UV or sunlight.
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
Ingestion: Drink copious amounts of water to dilute. Do NOT induce vomiting. Obtain immediate medical attention.

5. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Inform authorities in case of seepage into water system. Maintain adequate ventilation. Soak up with inert absorbent. Store in a closed container until disposal.

6. HANDLING AND STORAGE

Safe storage: Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location in an area < 120° F
Handling: Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors. Use only in area provided with appropriate exhaust ventilation.

7. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and use.
Conditions and Materials to Avoid: Photoreactive. Strong oxidizers
Hazardous Decomposition Products: None.
Hazardous Polymerization: Will not occur.

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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Data is subject to change without notice.

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8. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point: > 181°F (TCC)
Explosive Limits: Lower: Unknown
Upper: Unknown
Auto – Ignition Temperature: Not determined
Hazardous Decomposition Products: None.

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 carbon dioxide, dry chemical, or an appropriate foam.

9. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering / Ventilation Controls: Local exhaust ventilation recommended for maintaining vapor level below TLV.
Respiratory Protection: Not applicable with good local exhaust. If breathing issues arise, use a NIOSH/MSHA or European Standard EN 149 approved respirator.
Skin Protection: Neoprene or non-reactive gloves.
Eye Protection: Chemical splash goggles or safety glasses with side shields should be worn as appropriate. Eye wash stations should be readily available.

10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / State:	Clear Yellowish liquid	Boiling Point:	Not Determined
Odor:	Ester-like	Freezing Point:	Not determined
Vap. Density (air = 1):	NA	Specific Gravity:	1.02
Vap. Pressure (mmHg):	Not Determined	Solubility in Water:	Negligible

11. REGULATORY INFORMATION

TSCA

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

SARA

None.

HMS/ NFPA

Health	2
Fire	1
Reactivity	1

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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