

# SAFETY DATA SHEET (SDS)



**Manufacturer:**  
ÅngströmBond®

**Product Name:**  
ÅngströmBond® AB9079 Optical Adhesive, UV Cure (3cc Syringe)

**Manufacturer Part Number:**  
AB9079-3CCM

► Click here for more details on the ÅngströmBond® AB9079 Optical Adhesive, UV Cure (3cc Syringe)



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Adhesives

## 1. MATERIAL IDENTIFICATION

Product Name:

ÅNGSTRÖM BOND AB9079

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	OTHER (NIOSH)
Isobornyl Acrylate	5888-33-5	15-25	N.E.	N.E.	N.E. N.E.
Acrylate Oligomer	Trade Secret	25-50	N.E.	N.E.	N.E. N.E.
Acrylic Acid	79-10-7	1-2	2 ppm	2 ppm	6 mg/m
N,N-Dimethylacrylamide	2680-03-7	15-25	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.

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 between 50°F and 90°F.

Handling: Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors.

## 7. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and use.

Conditions and Materials to Avoid: Photoreactive. Reacts with amines, acids, alkalis, and oxidizing agents.

Hazardous Decomposition Products: None.

Hazardous Polymerization: Will not occur.

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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](http://focenter.com)

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



Data is subject to change without notice.  
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Adhesives

## 8. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

Flash Point:	Not Applicable
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

<b>Appearance / State:</b>	Clear liquid	<b>Boiling Point:</b>	212°C
<b>Odor:</b>	Mild	<b>Freezing Point:</b>	Not determined
<b>Vap. Density (air = 1):</b>	More than 1 (Air =1)	<b>Specific Gravity:</b>	1.1
<b>Vap. Pressure (mmHg):</b>	Less than .2mmHg @20C	<b>Solubility in Water:</b>	Negligible

## 11. REGULATORY INFORMATION

### TSCA

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

### SARA

None.

### HMIS/ NFPA

Health	2
Fire	0
Reactivity	0
Specific HAZARD	B

**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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