

SAFETY DATA SHEET (SDS)



Manufacturer:
ÅngströmBond

Product Name:
ÅngströmBond AB9061 High Power Laser UV Cure Adhesive (3cc)

Manufacturer Part Number:
AB9061-3CC

▶ [Click here for more details on the ÅngströmBond AB9061 High Power Laser UV Cure Adhesive \(3cc\)](#)



AB 9061 FROM ANGSTROMBOND 1

Adhesives

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS
SDS # AB 9061

Safety Data Sheet

according to HazCom 2012

SDS #: AB 9061
Issue Date: 9/15/2016

Revision Date: 9/15/2016

Section 1: Identification

GHS Product Identifier/Name ÅngströmBond® AB 9061

Other means of identification
Product Code AB 9061
Other means of identification Not available

Recommended use of the chemical and restrictions on use
Identified Uses Epoxy Resin

Details of the supplier of the Safety Data Sheet
Supplier Address Fiber Optic Center, Inc.
23 Centre Street
New Bedford, MA 02740-6322 USA
Tel: 1-508-992-6464
Fax: 1-508-991-8876

Emergency Telephone CHEMTREC 1-800-424-9300 (24 hrs)
For product emergencies involving spill, leak, fire exposure or accident please contact CHEMTREC.
For all other inquiries please contact Fiber Optic Center, Inc.™ at 1-800-473-4237

Section 2: Hazard(s) Identification

Signal word: Warning

WARNING: MAY CAUSE ALLERGIC SKIN REACTION
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACK IRRITATION
MAY BE HARMFUL IF SWALLOWED

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

HMIS:
HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 1
PROTECTIVE: B
Hazard Rating: 4 = Extreme, 3 = serious, 2 = Moderate, 1 = Slight, 0 = minimal, B = Gloves and Eye Protection

Issue Date: 9/15/2016

Revision Date: 9/15/2016

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 AB9061 High Power Laser UV Cure Adhesive (3cc)

Manufacturer Part Number:
AB9061-3CC

▶ [Click here for more details on the ÅngströmBond AB9061 High Power Laser UV Cure Adhesive \(3cc\)](#)



AB 9061 FROM ÅNGSTRÖMBOND 2

Adhesives

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

SDS # AB 9061

Section 2: Hazard(s) Identification

GHS Label Elements:

Hazard Pictograms:



Hazard Statements:

H315 causes skin irritation
H319 causes serious eye irritation
H317 may cause an allergic skin reaction

Precautionary Statements:

Prevention:

Avoid breathing vapors, mist or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.

Response:

IF ON SKIN: wash with plenty of soap and water
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: get medical attention

Disposal:

Dispose of content and/or container according to Federal, State/ Provincial and local governmental regulations

OSHA/HCS Status:

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Section 3: Composition / Information on Ingredients

| Ingredients | %* | Cas# |
|---|-------|------------|
| Ethoxylated trimethylol propane triacrylate ester | 5-15 | 28961-43-5 |
| Ethoxylated bisphenol A diarylate ester | 10-20 | 64401-02-1 |
| Bisphenol A epoxy acrylate | 40-60 | 55818-57-0 |
| 3-Trimethoxysilyl propane-1-thiol | .05-1 | 4420-74-0 |
| Initiator | <2 | 947-19-3 |

*Exact percentage is a trade secret. Concentration range is provided to assist users in determining appropriate protection.

Issue Date: 9/15/2016

Revision Date: 9/15/2016

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 AB9061 High Power Laser UV Cure Adhesive (3cc)

Manufacturer Part Number:
AB9061-3CC

▶ [Click here for more details on the ÅngströmBond AB9061 High Power Laser UV Cure Adhesive \(3cc\)](#)



AB 9061 FROM ÅNGSTRÖMBOND 3

Adhesives

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS
SDS # AB 9061

Section 4: First-Aid Measures

Description of first aid measures

General information: remove contaminated clothing

Ingestion: Ingestion is unlikely. However, if large quantities are swallowed, get medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Skin contact: Immediately flush skin with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists. Avoid exposure to light sources.

Inhalation: Move affected person to fresh air. In case of asphyxia, initiate artificial respiration immediately. If breathing is difficult, give oxygen. Get medical attention immediately.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Carbon dioxide, extinguishing powder or water spray/fog. Fight larger fires with water spray/fog or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: Water with a full water jet

Hazardous Combustion Products: Thermal decomposition products can include carbon dioxide, carbon monoxide, fire dust and smoke.

Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus

Section 6: Accidental Release Measures

Containment Procedures: Stop the flow of material, if this is without risk. Ventilate contaminated area. Do not release material or contaminated water into drains, soil or surface waters, or sewage systems.

Clean-Up Procedures: Wear appropriate protective equipment and clothing. Absorb spillage with non-combustible absorbent materials. Place all waste in an appropriate container for disposal. Dispose of collected material according to regulations.

Evacuation Procedures: Keep unnecessary personnel away

Special Procedures: N/A

Issue Date: 9/15/2016

Revision Date: 9/15/2016

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





Manufacturer:
ÅngströmBond

Product Name:
ÅngströmBond AB9061 High Power Laser UV Cure Adhesive (3cc)

Manufacturer Part Number:
AB9061-3CC

▶ [Click here for more details on the ÅngströmBond AB9061 High Power Laser UV Cure Adhesive \(3cc\)](#)



AB 9061 FROM ÅNGSTRÖMBOND 4

ADHESIVES

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

SDS # AB 9061

Section 7: Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

Storage: Store at 15 to 27°C. Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. Store sealed in original container and out of direct sunlight or other light sources.

Section 8: Exposure Controls / Personal Protection

Exposure Guidelines

General product information: No occupational exposure limits have been established.

Hands: Protect hands with Nitrile or Latex gloves.

Eyes: Eye glasses with side-shield or goggles are required.

Ventilation: general room ventilation is expected in normal usage and storage. Special local ventilation may be needed if used at elevated temperatures.

Other hygienic and work practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities.

Section 9: Physical and Chemical Properties

| | |
|----------------------|----------------------------|
| Physical state: | Liquid |
| Color: | Clear |
| Odor: | Sharp |
| Odor threshold: | N/A |
| Vapor pressure: | Less than 10 mm Hg at 27°C |
| pH: | 6-7 at 1:1 in water |
| Boiling point: | >200°C |
| Melting point: | N/A |
| Specific Gravity: | 1.1 |
| Vapor Density: | N/A |
| Evaporation rate: | N/A |
| Solubility in water: | Insoluble at 25°C |

Section 10: Stability and Reactivity

| | |
|--------------------------|---|
| Stability: | Stable material under normal conditions of handling, use and transportation |
| Physical Hazard: | Unstable (reactive) upon exposure to heat and/or light |
| Hazardous decomposition: | Oxides of carbon, Oxides of nitrogen, Irritating organic vapors |
| Incompatibility: | Strong oxidizers, bases, acids, reducing agents, free radical initiators |

Issue Date: 9/15/2016

Revision Date: 9/15/2016

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 AB9061 High Power Laser UV Cure Adhesive (3cc)

Manufacturer Part Number:
AB9061-3CC

▶ [Click here for more details on the ÅngströmBond AB9061 High Power Laser UV Cure Adhesive \(3cc\)](#)



AB 9061 FROM ÅNGSTRÖMBOND 5

Adhesives

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

SDS # AB 9061

Section 11: Toxicological Information

Acute and chronic Toxicity

A: General product information: No data available

B: Acute Toxicity:
LD/LC50 values that are relevant for classification: LD50 (oral, rat) >2000 mg/Kg

C. Primary irritant effect:

Skin: Irritant to skin and mucous membrane

Eye: Irritant to eyes

Carcinogenicity

A: General Product information: None

B: Component Carcinogenicity: None of this product's components are listed by IARC

Teratogenicity: no

Reproductive toxicity: no

Mutagenicity: no

Section 12: Ecological Information

Ecotoxicity

A: General Product Information: None, no further information available

B: Behavior in environmental systems: Bio-accumulative potential: no further information available

C: Additional ecological information: Other adverse effects: No further information available

Section 13: Disposal Considerations

Incineration or landfill in accordance to local regulations. Contaminated packaging material should be disposed of identically to the product itself. Uncontaminated packaging material should be treated as household waste or as recycling material.

Section 14: Transport Information

| | US DOT | RID/ADR | IMDG | IATA | IMO | Canada TDG |
|---------------|---------------|---------|------|------|-----|------------|
| Shipping Name | Not regulated | | | | | |

International transportation: no restriction, NOT dangerous goods according to specifications

Issue Date: 9/15/2016

Revision Date: 9/15/2016

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 AB9061 High Power Laser UV Cure Adhesive (3cc)

Manufacturer Part Number:

AB9061-3CC

▶ [Click here for more details on the ÅngströmBond AB9061 High Power Laser UV Cure Adhesive \(3cc\)](#)



AB 9061 from ÅNGSTRÖMBOND 6

Adhesives

Advanced Polymers for High Tech Applications

SDS # AB 9061

Section 15: Regulatory Information**US Federal**

TSCA: All materials are listed on the TSCA Inventory or are not subject to TSCA requirements

SARA 302 EHS List (40 CFR 355 Appendix A): Not listed

SARA 313: None

SARA 312 Hazard Class:

Health: Acute – Yes, Chronic – No

Fire: No

Sudden Release of Pressure: No

CERCLA: None

International Regulations including Europe and Asia

Safety, health and environmental regulations/legislation specific for the substance or mixture.

Labeling according to Regulation (EC) No 1272/2008.

The product is classified and labeled according to the CLP regulation.

Hazard Classification

| | | |
|-----------------|--------------------------------|--|
| Danger Symbol | Xi | Irritant |
| Risk Phrases: | R 36/38 R 43 | Irritating to eyes and skin May cause sensitization by skin contact |
| Safety Phrases: | S 26 S 28 S 37/39 S57 | In case of contact with eyes rinse immediately with plenty of water and seek medical advice. After contact with skin rinse immediately with plenty of soap and water Wear suitable gloves and eye/face protection Use appropriate containment to avoid environmental contamination. |

Canadian IDL: None of the ingredients are on this list

WHMIS: Class D2B. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by those regulations.

Issue Date: 9/15/2016

Revision Date: 9/15/2016

*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.com508-992-6464 | (800) 473-4237 • sales@focenter.com

SAFETY DATA SHEET (SDS)

**Manufacturer:**

ÅngströmBond

Product Name:

ÅngströmBond AB9061 High Power Laser UV Cure Adhesive (3cc)

Manufacturer Part Number:

AB9061-3CC

▶ [Click here for more details on the ÅngströmBond AB9061 High Power Laser UV Cure Adhesive \(3cc\)](#)

**ÅNGSTRÖMBOND®**

Advanced Polymers for High Tech Applications

SDS # AB 9061

AB 9061 FROM ANGSTROMBOND 7

Adhesives

Section 16: Other Information

SDS Creation Date: 9/15/2016

SDS Revision Date: 9/15/2016

Reason for Revision: Update information for GHS format

For more information: phone: 1-800-473-4237, fax: 1-508-991-8876

Prepared by Fiber Optic Center, Inc.

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. This warranty is limited to a credit or replacement of the product only, and does not cover direct, indirect, consequential, incidental or any other type of damage resulting from the use of the product.

Issue Date: 9/15/2016

Revision Date: 9/15/2016

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.com508-992-6464 | (800) 473-4237 • sales@focenter.com