

**Manufacturer:** 

ÅngströmBond®

**Product Name:** 

ÅngströmBond® AB9015M Low Refractive Index Adhesive, UV Cure (3cc Syringe)

**Manufacturer Part Number:** 

AB9015M-3CCA

Click here for more details on the ÅngströmBond® AB9015M Low Refractive Index Adhesive, UV Cure (3cc Syringe)

<u>st</u>römBond®

AB 9015M from AngstromBond

Adhesives

#### **MATERIAL SAFETY DATA SHEET**

#### 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Product Name:** AB 9015M

Intended Use: Ultraviolet and Visible Light Curing Adhesive

For product emergencies involving spill, leak, fire exposure or accident please contact

Chemtrec at 1 -800- 424-9300

For all other inquires please contact Fiber Optic Center, Inc TM at 1 -800- 473-4237

## 2. HAZARDS IDENTIFICATION

Aliphatic Urethane Acrylate 1 Health, R22/R36/R38/R43 Acrylate Monomer 3 Flammability

1 Reactivity

B Protective equipment

Hazard Rating

0 Minimal

1 Slight

2 Moderate 3 Serious

B Glove and Eye protection

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07/2025 E-mail: sales@focenter.com

 Fiber Optic Center\*\*\*, Inc., 23 Centre Street, New Bedford, MA, 02740-6322, USA
 E-mail: sales@focenter.com

 Toll Free: (800) IS-FIBER or (800) 473-4237
 • Phone: (508) 992-6464
 • Fax: (508) 991-8876
 • Website: www.focenter.com

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**Adhesives** 

Health risks:

R22 Harmful if in contact with skin or if swallowed.

R36 Irritating to eyes.

R38 Irritating to skin.

R43 May cause sensitization by skin contact.

Pictogram



Signal Word: Warning

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature: Urethane related based formulation

COMPONENTS	CAS#	EINECS#	CONCENTRATION
Aliphatic Urethane Acrylate	*	*	1-15%
Acrylate Monomer	*	*	85-99%

<sup>\*</sup> The specific chemical identity and concentration is being withheld from this data sheet as a Trade Secret. None of the ingredients are listed as carcinogens in NTP,

IARC, OSHA,RoHS, Reach or any state's list of chemicals known to cause reproductive toxicity.

### 4. FIRST AID MEASURES

In case of inhalation: If tightness in the chest, irritation or coughing occurs,

remove to fresh air. Get medical attention if symptoms

persist.

In case of splashes in eye: If the material gets in the eyes, immediately wash the eyes

> with copious amounts of water, occasionally lifting the lower and upper eyelids. Continue for 15 minutes and get medical attention immediately. In case of skin contact: If the material gets on the skin, immediately wash the area with

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Adhesives

soap and water and flush with water. If irritation develops,

get medical attention.

In case of clothing spattering: Discard or wash contaminated clothing before reuse.

In case of ingestion: If the material has been swallowed, dilute with milk or water if the victim is alert. See doctor as soon as

possible.

#### 5. FIRE-FIGHTING MEASURES

Extinguishing Media recommended: Carbon Dioxide, foam, dry chemical

Extinguishing Media inadvisable: Water Jets of water from fire hose

Special Hazards: None.

Hazardous decomposition/combustion products: Could generate carbon

> monoxide, carbon dioxide, sulfur dioxide or hydrogen sulfide.

Special protective equipment: A self-contained breathing apparatus.

**Explosion Data:** 

Sensitivity to Impact: None Sensitivity to Static Discharge: None

#### 6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

GLOVES: Use gloves made from an impervious material, e.g. nitrile, butyl or

latex rubber. Latex rubber may soften and become pervious if also

exposed to organic solvents.

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Adhesives

RESPIRATOR:

Not required under normal operating conditions. Respiratory protection may be needed in unusual circumstances where significant exposure to fumes or mists can occur. A NIOSH approved air purifying respirator with an organic vapor cartridge would then be recommended. Use must comply with OSHA (29 CFR 1910.134) and other regulatory standards.

EYE: Wear safety glasses.

FOOTWEAR: Impervious shoes, e.g. leather, not cloth or sandals.

A fume hood is not generally required. The room should Ventilation Requirements:

have adequate ventilation to avoid potential for

concentration of mist or vapors.

Environmental measures: Stop the product from entering the drainage system and

the natural environment. Limit leakage with earth.

Cleaning methods: Recovery: Absorb material with paper towel or other

> absorbent. Place in container for disposal. If possible, expose absorbed resin to UV light or sunlight to solidify the

Cleaning/decontamination: Clean up with soap and water.

Elimination: Eliminate according to local and national regulations.

#### 7. HANDLING AND STORAGE

Handling:

Technical measures: Do not reuse container. This product is for industrial use

only. Practice good housekeeping and vigorous personal

hygiene to minimize contact with material.

Precautions to take: Avoid contact with skin and eyes.

Storage: Store at <9.C. Keep away from sunlight.

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**Adhesives** 

#### 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Precautionary Measure: None.

Exposure limits: None

Protective personal equipment:

Respiratory protection: Not needed with normal use.

Protection for hands: Use gloves made from an impervious material, e.g. nitrile,

butyl or latex rubber. Latex rubber may soften and become

pervious if also exposed to organic solvents

Eye Protection: Wear safety glasses.

Protection from skin: Wear clothing that provides protection to skin.

#### 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Color: Clear Liquid

Odor: Strong acrylic oder

pH: Not applicable

Melting point: Not applicable

Boiling point: Not applicable

Decomposition temperature: >300•C

Flash point: 9.C

Auto ignition temperature: Not applicable

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Adhesives

VANCED FOLYMERS TOR HIGH TECH APPLICATIONS

Explosive properties: None

Oxidizing properties: None

Vapor pressure: <0.1 @ 20•C

Density: >1

Solubility/Miscibility:

Solubility in water Not miscible

Viscosity: 4500-5500 cps @ 25•C

#### 10:STABILITY AND REACTIVITY

Conditions to avoid: Keep away from UV and sunlight. Temperatures

above 9-C may cause vaporization of liquid

adhesive.

Substances to avoid: None

Hazardous decomposition products: None

### 11:TOXICOLOGICAL INFORMATION

Acute toxicity:

Ingestion: LD50: No data for mixture Inhalation: LC50: No data for mixture

Local effects:

On skin: slight irritating to skin.
On eyes: irritating to eyes.

Long term toxicity:

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Adhesives

Advanced Polymers for High Tech Applications

Skin contact: May cause sensitization by skin contact.

#### 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Mobility: Cured adhesives are immobile.

General ecological: Do not empty liquid into drains or ground water.

#### 13: DISPOSAL CONSIDERATION

Disposal Methods for product and waste:

Send to authorized disposal plants or for

incineration under controlled conditions.

Disposal methods for contaminated packaging: Do not reuse package. Send to authorized disposal plants or for incineration under controlled conditions.

You should comply with the local and national regulations in force when disposing.

#### 14: TRANSPORTATION INFORMATION

Land transport (ADR/RID)

Not classified as dangerous in the meaning of land transport regulations(ADR/RID).

Shipping transport(IMD)

Not classified as dangerous in the meaning of shipping transport regulations(IMDG).

Air transport (IATA)

Not classified as dangerous in the meaning of air transport regulations(IATA).

#### 15: REGULATORY INFORMATION

Symbols:

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Adhesives

Advanced Polymers for High Tech Application

Xi Irritant

R phrases:

R22 Harmful in contact with skin and if swallowed.

R36 Irritating to eyes.

R38 Irritating to skin.

R43 May cause sensitization by skin contact.

S phrases:

S24 Avoid contact with skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

S37 Wear suitable gloves.

Contains:

Urethane related adhesives.

US Federal Regulations:

Unless otherwise noted, this product is in compliance with the inventory listing of the countries shown below.

Europe (EINECS/ELINCS) Listed/registered USA (TSCA) Listed/registered Canada (DSL) Listed/registered Australia (AICS) Listed/registered Japan (MITI) Listed/registered Korea (TCCL) Listed/registered Philippines (PICCS) Listed/registered China Listed/registered

#### **16: OTHER INFORMATION**

Full text of R phases indicated by codes in the material safety data sheet are as follows:

R22 Harmful in contact with skin and if swallowed

R36 Irritating to eyes.

R38 Irritating to skin.

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R43 May cause sensitization by skin contact.

Custom Situation: Harmonized System (HTS/Schedule B) 35.06.91.0000 All components of this product are in compliance with the Toxic Substances Control Act (TSCA) inventory.

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