

Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9015P-3CCA

Click here for more details on the ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)



AB 9015P from AngstromBond

Adhesives

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name:

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

4 Extreme

B Glove and Eve

protection

AngströmBond® 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, Fiber Optic Center ", Inc. MAKES NO EXPRESS OR IMPLIED WARHANTIES OF MERICHANTABILITY, 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. Fiber Optic Center is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.

E-mail: sales@focenter.com

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 Website: www.focenter.com

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

Learn More



Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9015P-3CCA

Click here for more details on the ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)



AB 9015P from AngstromBond

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	Trade Secret*	Trade Secret* 1-15%	
Acrylate Monomer	Trade Secret*	Trade Secret*	85-99%

^{*} 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

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

 $m ilde{A}$ ngström $m Bond ilde{e}$ 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, Fiber Optic Center "I, Inc. MAKES NO EXPRESS OR IMPLIED WARHANTIES OF MERCHANTABILITY, FITNESS OR OTHERWISE, with respect to its products. In addition, while the information herein is believed to be relibed, 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. Fiber Optic Center is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.

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

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 • Website: www.focenter.com

Data is subject to change without notice.





Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9015P-3CCA

Click here for more details on the ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

AB 9015P from AngstromBond

Adhesives

lowerand 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 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:

 $ar{ exttt{A}}$ ngström $exttt{B}$ ond $exttt{@}$ 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, Fiber Optic Center **, Inc. MAKES NO EXPRESS OR IMPLIED WARHANTIES 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. Fiber Optic Center is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.

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 •

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

Fax: (508) 991-8876 · Website: www.focenter.com

Data is subject to change without notice.





Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9015P-3CCA

Click here for more details on the ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

AngströmBond®

Adhesives

AB 9015P from AngstromBond

Advanced Polymers for High Tech Applications

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.

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.

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

 ${\it Cleaning/decontamination: Clean up with soap and water.}$

Elimination: Eliminate according to local and national regulations.

7. HANDLING AND STORAGE

Handling:

 $m ilde{A}$ ngström $m Bond ilde{e}$ is a registered trademark of Fiber Optic Center, Inc., New Bedford MA, USA

Fiber Optic Center M., 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. Fiber Optic Center is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.

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 • Website: www.focenter.com

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



Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9015P-3CCA

Click here for more details on the ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

 $\mathsf{NGSTR}\ddot{\mathsf{O}}\mathsf{MBONd}^{ ext{ iny B}}$

AB 9015P from AngstromBond

Adhesives

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.

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 odor

pH: Not applicable

Melting point: Not applicable

 $\overline{f A}$ ngström ${f B}$ ond ${f @}$ 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 regarding the accuracy of the data of the results to be obtained from the use thereor. 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. Fiber Optic Center is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.

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 Website: www.focenter.com

E-mail: sales@focenter.com

Rev. C

Data is subject to change without notice.





Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9015P-3CCA

Click here for more details on the ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

AB 9015P from AngstromBond

Adhesives

Boiling point: Not applicable

Decomposition temperature: >300 C

Flash point: 9-C

Auto ignition temperature: Not applicable

Explosive properties: None

Oxidizing properties: None

Vapor pressure: <0.1 @ 20 C

Density: >1

Solubility/Miscibility:

Solubility in water Not miscible

Viscosity: 2000-3000 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

AngströmBond® is a registered trademark of Fiber Optic Center, Inc., New Bedford MA, USA

Fiber Optic Center III, Inc. MAKES NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS OR OTHERWISE, PIDE OPIDE CENTER***, Inc. MARKES NO EXPRESS OH IMPLIED WARHANTIES OF MERCHANTABILITY, FITNESS OH 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. Fiber Optic Center is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.

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

Data is subject to change without notice.





Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9015P-3CCA

Click here for more details on the ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

<u>ngs</u>trömBond®

AB 9015P from AngstromBond

Adhesives

Acute toxicity:

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

Local effects:

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

Long term toxicity:

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).

AngströmBond® 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, Fiber Optic Center**, Inc. MARES NO EXPRESS OH IMPLIED WARHANTIES OF MERCHANTABILITY, FITNESS OH 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. Fiber Optic Center is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.

 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

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

Data is subject to change without notice.





Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9015P-3CCA

Click here for more details on the AngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)



AB 9015P from AngstromBond

Adhesives

Advanced Polymers for High Tech Applications

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:

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)

USA (TSCA)

Canada (DSL)

Australia (AICS)

Japan (MITI)

Korea (TCCL)

Listed/registered

Listed/registered

Listed/registered

Listed/registered

Listed/registered

 $m ilde{A}$ ngströmBond $m ilde{e}$ 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. Fiber Optic Center is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.

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

Website: www.focenter.com

Data is subject to change without notice.





Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9015P-3CCA

Click here for more details on the ÅngströmBond® AB9015P Low Refractive Index Adhesive, UV Cure (3cc Syringe)



AB 9015P from AngstromBond

Adhesives

Philippines (PICCS) China

Listed/registered 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.

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.

AngströmBond® 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, Fiber Optic Center**, Inc. MARES NO EXPRESS OR IMPLIED WARHANI IES OF MERCHANI ABILITY, FINESS 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. Fiber Optic Center is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.

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

Data is subject to change without notice.



