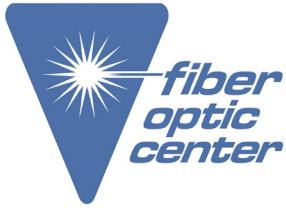


# SAFETY DATA SHEET (SDS)

**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 ÅNGSTRÖMBOND

Adhesives

## MATERIAL SAFETY DATA SHEET

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

Product Name: AB 9015P  
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 Eye

protection

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.

Rev. B

04/2015

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](http://focenter.com)

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



# SAFETY DATA SHEET (SDS)



**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 ÅNGSTRÖMBOND

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 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

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.

Rev. B 04/2015

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



# SAFETY DATA SHEET (SDS)



**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 \(3cc Syringe\)](#)



ÅNGSTRÖMBOND®

AB 9015P FROM ÅNGSTRÖMBOND

ADHESIVES

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

In case of skin contact:	lower and upper eyelids. Continue for 15 minutes and get medical attention immediately. 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:

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.

Rev. B

04/2015

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](http://focenter.com)

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



# SAFETY DATA SHEET (SDS)

**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 \(3cc Syringe\)](#)

**ÅNGSTRÖMBOND®**

AB 9015P FROM ÅNGSTRÖMBOND

**Adhesives**

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.
Cleaning/decontamination:	Clean up with soap and water.
Elimination:	Eliminate according to local and national regulations.

## 7. HANDLING AND STORAGE

Handling:

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.

Rev. B

04/2015

Data is subject to change without notice.

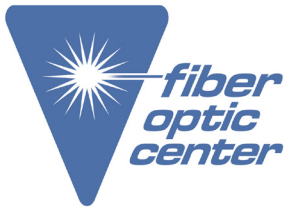
Contact the professionals at Fiber Optic Center for a quote or to get more details.

23 Centre Street • New Bedford, MA 02740 USA • [focenter.com](http://focenter.com)

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



# SAFETY DATA SHEET (SDS)



**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 ÅNGSTRÖMBOND

ADHESIVES

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

**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

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.

Rev. B

04/2015

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](http://focenter.com)

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



# SAFETY DATA SHEET (SDS)



**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 ÅNGSTRÖMBOND

## Adhesives

Advanced Polymers for High Tech Applications

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

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.

Data is subject to change without notice.

Rev. B

04/2015

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)



# SAFETY DATA SHEET (SDS)

**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 \(3cc Syringe\)](#)

**ÅNGSTRÖMBOND®**

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

AB 9015P FROM ÅNGSTRÖMBOND

**Adhesives****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:	
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).

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.

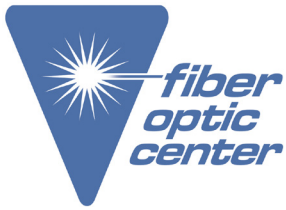
Data is subject to change without notice.

Rev. B

04/2015

**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)

# SAFETY DATA SHEET (SDS)

**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 ÅNGSTRÖMBOND

**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)	Listed/registered
USA (TSCA)	Listed/registered
Canada (DSL)	Listed/registered
Australia (AICS)	Listed/registered
Japan (MITI)	Listed/registered
Korea (TCCL)	Listed/registered

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.

Rev. B

04/2015

Data is subject to change without notice.

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

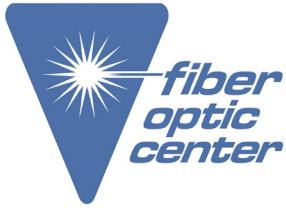
23 Centre Street • New Bedford, MA 02740 USA • [focenter.com](http://focenter.com)

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





# SAFETY DATA SHEET (SDS)



**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 \(3cc Syringe\)](#)



**ÅNGSTRÖMBOND®**

Advanced Polymers for High Tech Applications

AB 9015P FROM ÅNGSTRÖMBOND

**Adhesives**

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.

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.

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.

Rev. B

04/2015

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](http://focenter.com)

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

