

SAFETY DATA SHEET (SDS)



Manufacturer:
ÅngströmBond

Product Name:
ÅngströmBond AB9266 Flexible, Casting Epoxy (2.5G)

Manufacturer Part Number:
AB9266-2.5G

▶ Click here for more details on the ÅngströmBond AB9266 Flexible, Casting Epoxy (2.5G)



ÅngströmBond 9266Hardener
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Adhesives

Advanced Polymers for High Tech Applications

1. MATERIAL IDENTIFICATION

Product Name:

ÅngströmBond 9266 HARDENER

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. | Exposure Limits | | |
|---------------------------------------|------------|-----------------|---------------|----------|
| | | Percent | ACGIH TLV-TWA | OSHA PEL |
| N-Aminoethyl Piperazine | 140-31-8 | 12-20 | NE | NE |
| Nonyl Phenol | 84852-15-3 | 30-50 | NE | NE |
| Proprietary Mixture | | 20-32 | NE | NE |
| 2,4,6, Tris (dimethylamino) phenol | 90-72-2 | 2-7 | NE | NE |
| Abbreviations: N.E. = Not Established | | | | |

3. HEALTH HAZARDS IDENTIFICATION

Eye Contact: May cause slight irritation.
Skin Contact: May cause slight irritation, but no significant effect.
Ingestion: Harmful if swallowed..
Inhalation: Heating can generate vapors that may cause respiratory irritation, nausea, and headache. Inhalation hazard at Room temperature is unlikely, due to the low volatility of this product.

4. FIRST AID MEASURES

Eyes: Immediately flush with water for at least 15 minutes. Get medical attention.
Skin: Remove product from skin with dry cloth or paper towel, and wash exposed area with water and mild detergent.
Inhalation: Remove to fresh air, and provide oxygen if breathing is difficult. Obtain medical attention.
Ingestion: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

5. ACCIDENTAL RELEASE MEASURES

Small Spills
Activate available exhaust ventilation equipment in the immediate spill area. Wipe up or absorb spilled material with paper towels or other absorbent material. Wash area with soapy water to remove residue. Collect absorbed material and water rinses in appropriate containers. Dispose of in accordance with current Federal, State, and local regulations.
Large Spills
Limit access to the immediate spill area. Shut off source of the release if this can be done without risk of injury. Activate available exhaust ventilation equipment in the spill area. Dike area to contain the spill and prevent releases to sewers, drains or other waterways. Collect spilled material for salvage/disposal. Apply absorbent material to soak up residue. Wash area with soapy water. Prevent runoff from entering waterways. Transfer absorbed material and water rinses to appropriate waste containers. Dispose of in accordance with current Federal, State, and local regulations.

6. HANDLING AND STORAGE

Precaution to be taken in handling and storing:
Keep container closed when not in use. Vent the container properly to eliminate internal pressure. Store in a cool place (Qualitatively under 10 degrees C). Keep away from heat and flame. Do not lay the container on its side. Avoid contact with eyes and prolonged or repeated skin contact. Avoid contact with acidic, basic or oxidizing materials. Contact lens wearers take appropriate precaution. Keep out of reach of children. Do not re-use this container. Keep away from heat, sparks and flame. Do not puncture or cut this container. Do not weld on or near this container.

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

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ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

7. FIRE FIGHTING PROPERTIES

FLAMMABLE PROPERTIES

Flash Point: > 275°F (based on Flash point of components)

EXTINGUISHING MEDIA and FIRE FIGHTING INSTRUCTIONS

Firefighters/rescue personnel should wear positive pressure self-contained breathing apparatus and full protective equipment. Cool exposed containers with water to prevent pressure buildup. If large quantities of material are involved, evacuate area and fight fire from a safe distance.

Extinguishing Media: Use sand, dry chemical, carbon dioxide, or an appropriate foam.

Unusual fire or Explosive Hazards:

Decomposition and combustion products may be toxic. Closed containers may violently rupture under fire condition.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering / Ventilation Controls: General ventilation is acceptable under most conditions, although local ventilation is required to control exposure whenever vapors, mists, or dusts are generated. Eye wash stations should be readily available.

Respiratory Protection: Provide effective mechanical exhaust ventilation to draw vapors, mists or fumes generated during processing away from the worker and prevent routine inhalation, especially during elevated temperature processing. Ventilation must be sufficient to maintain airborne levels of Section 2 ingredients below their PEL/TLV values. Use an appropriate, properly fitted respirator if exposures exceed PEL/TLV values. The type of protection selected (SCBA, air purifying) will depend upon the conditions of use. Observe OSHA regulations for respiratory protection (29 CFR 1910.134).

Skin Protection: Wear impervious gloves and protective clothing as necessary to prevent skin contact. Promptly remove contaminated clothing and launder thoroughly before reuse.

Eye Protection: Wear chemical safety glasses or goggles. Have Eyewash equipment available.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------|------------------|--|----------------|
| Appearance/State: | Lt. Amber liquid | Boiling Point: | Not determined |
| Odor: | amine | Freezing Point: | Not determined |
| pH: | Not determined | Specific Gravity: | 1.00 @25°C |
| Vap. Pressure (mmHg): | <1(mmHg@25°C) | Solubility in Water: | not soluble |
| Vap. Density (air = 1): | >1 | Evaporation Rate (Butyl Acetate = 1): | <1 |

10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and use.

Conditions and Materials to Avoid: Acidic, basic or oxidizing materials and certain petroleum compounds. Contact with acidic, basic or oxidizing materials. Avoid storage in open containers, exposure to open flame or uncontrolled exposure to heat, uncontrolled mixing or exposure to incompatible substances.

Hazardous Decomposition Products: Carbon oxides, aldehydes, amines, aniline, acids, and other organic substances may be formed during combustion. The chemical nature and quantity of decomposition by products will vary widely depending on the conditions of combustion.

Hazardous Polymerization: uncontrolled mixing with resins may cause hazardous Polymerization.

11 DISPOSAL CONSIDERATIONS

Can be burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose of the emptied container unlawfully. Observe all federal, state and local laws.

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12 TOXICOLOGICAL INFORMATION

Acute Toxicity (LD50): No information available
Acute Toxicity (LC50): Not Available
Chronic toxicity: Not Applicable
Carcinogen: NTP Not listed
IARC: not classified as carcinogen
OSHA regulated: not regulated

13 TRANSPORTATION INFORMATION

Not regulated by IATA.
Not regulated by DOT.

14 REGULATORY INFORMATION

US FEDERAL REGULATIONS

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

SARA Title III

Section 313 – Toxic chemicals:

Pursuant to section 313 or SARA Title III, this product does not contain any chemicals exceeding de minimis levels.

HMIS Ratings: Health: 2 Flammability: 0 Reactivity: 0

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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