

SAFETY DATA SHEET (SDS)



Manufacturer:
ÅngströmBond

Product Name:
ÅngströmBond AB9226 General Fast Cure Epoxy (2.5G)

Manufacturer Part Number:
AB9226-2.5G

▶ Click here for more details on the ÅngströmBond AB9226 General Fast Cure Epoxy (2.5G)



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Adhesives

Advanced Polymers for High Tech Applications

1. MATERIAL IDENTIFICATION

Product Name:

ÅNGSTROMBOND® 9226 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.	Percent	Exposure Limits		
			ACGIH TLV-TWA	OSHA PEL	OTHER TWA PEL
Mercaptan-terminated polymer	068611-50-7	80-100	NE	NE	NE
Alkyl amino phenol	000090-72-2	3-10	NE	NE	NE
NE= not established					

3. HEALTH HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eyes: Yes Skin: Yes Inhalation: Yes

Eye Contact: Irritating to the eyes.
Skin Contact: Irritating to the skin and mucous membranes
Inhalation: irritating to respiratory system.
Ingestion: May be harmful if swallowed.

4. FIRST AID MEASURES

Eyes: Flush eyes thoroughly with water for several minutes while holding eyelids open. If symptoms persist consult a Physician.
Skin: Immediately wash with water and soap and rinse thoroughly.
Ingestion: If symptoms persist consult doctor.
Inhalation: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for Transportation.

5. ACCIDENTIAL RELEASE MEASURES

Absorb with liquid binding material(sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Do not allow product to reach sewage system. This material must be disposed of as hazardous waste. Dispose of according to official regulations.

6. HANDLING & STORAGE

Store in a cool, dry place in tightly closed receptacles. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Use only in well ventilated areas.

7. TOXICOLOGICAL INFORMATION

This section provides toxicological information. It is suggested that this information be interpreted by persons trained in its evaluation.

Estimated Oral LD50 2600mg/kg(rabbit). Dermal LD50 10200mg/kg(rabbit)

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8. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point:	149°C(300°F)
Explosive Limits:	Lower: N/A Upper: N/A
Auto – Ignition Temperature:	Not determined
Hazardous Decomposition Products:	Hydrogen sulfide, sulfur oxides, irritant gases and vapors

EXTINGUISHING MEDIA and FIRE FIGHTING INSTRUCTIONS

Firefighters should wear self-contained breathing apparatus and full protective gear. During a fire irritating, toxic gases and smoke may be present from decomposition/combustion; do not breathe smoke.

Extinguishing Media: Use extinguishing powder, water spray, alcohol resistant foam, CO₂

9. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering / Ventilation Controls: General ventilation may be 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: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or Longer exposure use respiratory protective device that is independent of circulating air.

Skin Protection: Wear impervious gloves.

Eye Protection: tightly sealed goggles.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and use.

Conditions and Materials to Avoid: strong exothermic reaction w/ acids. Corrosive action on metals. Reacts w/ strong acids And oxidizing agents, peroxides, and other radical forming substances.

Hazardous Decomposition Products: Irritant gases and vapors, hydrogen sulfide, sulfur oxides

Hazardous Polymerization: Will not occur.

11. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / State:	yellow liquid	Boiling Point:	Not determined)
Odor:	sulfurous	Freezing Point:	Not determined
pH:	Does not apply	Specific Gravity:	1.1
Vap. Pressure@20°C (mmHg):	3.5hPa(3mm Hg)	Solubility/Miscibility in Water:	Not miscible or difficult to mix
Vap. Density@20°C (air = 1):	1.000 g/cm ³		

12. ECOLOGICAL INFORMATION

Water Hazard Class 1(self assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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13. TRANSPORTATION INFORMATION

DOT:		IACO-TI/IATA-DGR	
Proper Shipping Name:	Not regulated	Proper Shipping Name:	Aviation regulated liquid NOS mercaptan
Hazard Class:	Not regulated	Hazard Class:	9 regulated for air shipment only
ID Number:	None	UN or ID:	3334
Marine Pollutant:	None		

14. REGULATORY INFORMATION

TSCA

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

SARA TITLE III

Section 313 – Toxic Chemicals

Pursuant to Section 313, this product does not contain any chemicals in ant concentration equal to or greater than the *de minimis* level.

Section 311/312 – Hazard Categories

2,4,6 tris (dimethylaminomethyl) phenol CAS# 000090-72-2 3-10% acute health hazard

HMIS Hazards:	Health: 3	Flammability: 1	Reactivity: 0
NFPA Hazards:	Health: 3	Flammability: 1	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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