

Bomanite Flexible Membrane Comp. B



Material Safety Data Sheet

Bomanite LLC
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Watkins, CO 80137

HMIS Ratings

Health: 2
Flammability: 1
Reactivity: 0
Personal Protection: See VII
Equipment:

Emergency Telephone Number:

Chemtrec: (800) 424-9300

Notice: The following information is accurate to the best of our knowledge and is offered in good faith. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in specific context of the intended use and determine whether they are appropriate.

I. IDENTIFICATION

Product Name: Bomanite Flexible Membrane Comp. B
Synonymous: N/A
Chemical Family: Cycloaliphatic Amine
Chemical Formula: Proprietary
D.O.T. Hazard Class: Amines, Liquid, Corrosive, N.O.S. (1,2,-Cyclohexanediamine / Nonylphenol) // 8 // UN2735 // PG3
Appearance & Odor: Colorless to amber, mobile liquid, ammoniacal odor.

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Composition	%	OSHA TWA	ACGIH TLV	CAS NO.
Benzyl Alcohol	15-40	Not established	Not established	100-51-6
Benzyl dimethylamine	10-30	Not established	Not established	103-83-3
1,2-Cyclohexanediamine	10-30	Not established	Not established	694-83-7
Tris-2,4,6, (Dimethylaminomethyl) Phenol	3-7	Not established	Not established	90-72-2

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 1.03
Boiling Point: > 297 °F (147 °C)
Melting Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Evaporation Rate: < 1.0 (Butyl Acetate=1)
Solubility In Water: Nil

IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: 215 °F (101 °C) – Pensky-Martin Closed Up
Flammable Limits: N/A
Firefighting Media: Ignition may give cause to a class B fire. In case of fire use water fog, carbon dioxide, dry chemical, alcohol foam.
Firefighting Procedure: N/A

Special Firefighting Procedure:	None likely with small quantities. For large quantities, firefighters should wear butyl rubber boots, gloves and bodysuit and a self-contained breathing apparatus. Water spray is useful in cooling fire-exposed vessels and in dispersing vapors.
Unusual Fire Hazards:	May generate toxic and irritating combustion products, carbon monoxide gas and nitrogen oxide gases. Sudden reaction and fire may result if product is mixed with and oxidizing agent.
Reactivity:	Stable
Incompatibilities:	Oxidizing agents (peroxides, nitrates), acids.
Decomposition or Byproducts:	Carbon monoxide, carbon dioxide and nitrogen oxides can be produced if heated, burned or reacted with incompatible materials.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	None known

V. HEALTH HAZARD DATA

Inhalation:	Vapors may cause damage to contacted tissue and produce scarring. Repeated and/or prolonged exposures can cause tightness of chest, shortness of breath and cough.
Skin Contact:	Undiluted product quickly causes irritation. May cause chemical burns. May cause allergic reaction or sensitization, defatting of skin, rash and irritation.
Eye Contact:	Severe irritant. May cause burns. Vapor may cause lacrimation and reversible cornea damage.
Ingestion:	May cause irritation and bleeding of the gastrointestinal tract. Scarring of the tissues may occur.
Carcinogenicity:	This product does not contain 0.1% or more of any substance that is listed as a carcinogen by NTP, IARC or OSHA.
Overexposure Effects:	Lacrimation of eyes, skin irritation, dizziness.
Aggravated Medical Conditions:	Asthma, bronchitis, emphysema, eye diseases, skin disorders and allergies.

Emergency and First Aid Procedures

Inhalation:	Move to fresh air. Give assisted respiration if breathing has stopped or is labored (call a physician).
Skin Contact:	Remove product and flush area with plenty of water for 15 minutes. If irritation persists, get medical attention. Victims of major skin area contact should remain under medical observation for 24 hours.

Eye Contact: Flush with plenty of water for at least 15 minutes. Call a physician.

Ingestion: Give 3-4 glasses of milk or water. Do not induce vomiting. Obtain medical attention immediately.

VI. SPILL PROCEDURES & WASTE DISPOSAL

Spill: Cover spills with absorbent material. Place in metal containers for recovery or disposal. Prevent entry into sewers, storm drains, and waterways.

Waste Disposal: Incineration is preferred. Dispose in accordance with Federal, State and Local regulations.

Precautions for Safe Handling And Storage: Keep away from oxidizers, heat or flame. Keep containers tightly closed in a cool, well-ventilated place.

Other Precautions: N/A

VII. PROTECTIVE CONTROL MEASURES

Respirator: None required in adequately ventilated areas. If vapor concentration exceeds 20 ppm for longer than 15 minutes, a NIOSH/MSHA approved respirator with organic vapor cartridge if recommended.

Ventilation: Good general mechanical ventilation and local exhaust

Special: N/A

Protective Gloves: Nitrile rubber.

Eye Protection: Wear splash proof chemical goggles or chemical safety glasses.

Other Protective Clothing Required: Long sleeved shirts and trousers. Emergency showers and eye wash stations should be readily accessible.

Work/Hygiene Practices

Wash hands after use and before eating, drinking or smoking.