

Bomanite Flexible Membrane Comp. A



Material Safety Data Sheet

The Bomanite Company
8789 Auburn Folsom Rd. #108
Granite Bay, CA 95746

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. A
Synonymous: N/A
Chemical Family: Modified Epoxy Resin
Chemical Formula: Proprietary
D.O.T. Hazard Class: Resin solution, Non-Hazardous
Appearance & Odor: Pigmented viscous liquid, mild odor.

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

<i>Composition</i>	<i>%</i>	<i>OSHA TWA</i>	<i>ACGIH TLV</i>	<i>CAS NO.</i>
Bisphenol A Based Epoxy Resin	60-100	Not established	Not established	25068-38-6
Alkyl Glycidyl Ether	5-10	Not established	Not established	68081-84-5
Alkyl Phenol Blocked Polyisocyanate	15-40	10 mg/m ³ *	10 mg/m ³ *	Trade Secret
Titanium Dioxide	3-7	10 mg/m ³ *	10 mg/m ³ *	13463-67-7
Iron Oxide	1-5	10 mg/m ³ *	10 mg/m ³ *	1309-37-1
Carbon Black	<0.1	3.5 mg/m ³ *	3.5 mg/m ³ *	1333-86-4

* Values meaningful only when hardened product is abraded, ground, etc.

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 1.12
Boiling Point: >572 °F (300 °C)
Melting Point: N/A
Vapor Pressure: <0.1
Vapor Density: N/A
Evaporation Rate: < 0.5 (Butyl Acetate =1)
Solubility In Water: Nil

IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: > 262 °F (128 °C)
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:	Strong oxidizing agents (perchlorates, nitrates), strong acids, hypochlorites, peroxides.
Decomposition or Byproducts:	Carbon monoxide, carbon dioxide, aldehydes, acids.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Elevated temperatures.

V. **HEALTH HAZARD DATA**

Inhalation:	Inhalation of mists may cause respiratory tract irritation. Coughing and chest pain may result.
Skin Contact:	Transient irritation, redness and discomfort.
Eye Contact:	May cause mild irritation.
Ingestion:	Low order of toxicity.
Carcinogenicity:	This product does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, IARC or OSHA.
Overexposure Effects:	Lacrimation of eyes, skin irritation, dizziness, sensitization and dermatitis.
Aggravated Medical Conditions:	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.

Eye Contact: Immediately flush eyes with water for 15 minutes. Call a physician.

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

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: Avoid contact with eyes, skin or clothing. Avoid breathing vapors, mist or spray. Wash after handling.

VII. PROTECTIVE CONTROL MEASURES

Respirator: None required in adequately ventilated areas. NIOSH/MSHA approved respirator when exposure to airborne contaminants may exceed acceptable limits.

Ventilation: No specific controls needed. General mechanical ventilation and local exhaust recommended.

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.