

Bomanite Florthane SB Part B (Curing Agent)



Material Safety Data Sheet
The Bomanite Company
8789 Auburn Folsom Rd. #108
Granite Bay, CA 95746

HMIS Ratings

Health: 2
Flammability: 3
Reactivity: 1
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 Florthane Part B (Curing Agent)
Synonymous: N/A
Chemical Family: N/A
Chemical Formula: Proprietary
D.O.T. Hazard Class: Paint, 3, UN 1263, III (Flash point greater than 73 F)
Appearance & Odor: Clear liquid, sweet odor

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

<i>Composition</i>	<i>%</i>	<i>OSHA PEL</i>	<i>ACGIH TLV</i>	<i>CAS NO.</i>
Trimer of Hexamethylene Diisocyanate	<75	Not established	Not established	3779-63-3
N-Butyl Acetate	<15	150 ppm (TWA)	150 ppm	123-86-4
Xylene*	<15	100 ppm (TWA)	100 ppm	1330-20-7
Aromatic Petroleum Distillates	<5	Not established	100 ppm	64742-95-6

* Denotes reportable chemicals pursuant to SARA Title III, Section 313.
Balance is non-hazardous trade secret components, TRSN ABQ-698.

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 1.06
Boiling Point: >294 °F
Melting Point: N/A
Vapor Pressure: 8.6 mm @ 212 °F (100 °C)
Vapor Density: greater than air
Evaporation Rate: 0.8 (Butyl Acetate =1)
Solubility In Water: Reacts with H₂O

IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: 82 °F
Flammable Limits: Lower explosion limit = 1.7% Upper explosion limit = Unknown
Firefighting Media: Carbon dioxide, dry chemical or foam. Do not use water.
Special Firefighting Procedure: Wear self-contained breathing apparatus.
Unusual Fire Hazards: Reacts with water, alkalis (rapid), and releases carbon dioxide.
Reactivity: Stable
Incompatibilities: Water, alcohols, amines, acids, bases, oxidizers.
Decomposition or Byproducts: Carbon monoxide and dioxide, oxides of nitrogen
Hazardous Polymerization: Will not occur
Conditions to Avoid: N/A
NFPA Ratings: Health = 2 Fire = 3 Reactivity = 1 Other = N/A
(0 = Least hazardous, 4 = Most hazardous)

V. HEALTH HAZARD DATA

Routes of Entry: Inhalation: Yes
Skin Contact: Yes
Ingestion: Yes
Health Hazards: Overexposure to vapor can cause narcosis, dizziness. Excessive skin contact can cause drying and irritation.
Carcinogenicity: NTP? No IARC? No OSHA? No
Signs and Symptoms Of Exposure: Dizziness, headaches.
Aggravated Medical Conditions: Kidney, liver or lung diseases.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air.
Skin Contact: Flush with cool, running water for 15 minutes. Consult a physician if irritation persists.
Eye Contact: Rinse with water for 15 minutes. If irritation persists, consult a physician.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

VI. SPILL PROCEDURES & WASTE DISPOSAL

Spill: Contain spill and absorb. Keep from entering storm drains.
Waste Disposal: According to Federal, State and Local regulations.
Precautions for Safe Handling And Storage: Store in a cool, dry area. Keep container closed.
Other Precautions: Normal for flammable paints.
This is a commercial product, not intended for home use. Keep out of reach of children.

VII. PROTECTIVE CONTROL MEASURES

Respirator: If TLV exceeded, NIOSH-approved respirator for organic vapors.

Ventilation: Yes

Local Exhaust: In enclosed areas

Mechanical: In enclosed areas

Special: N/A

Protective Gloves: Butyl rubber gloves

Eye Protection: Yes

Other Protective

Clothing Required: Normal for paint and solvent seal application.

Work/Hygiene Practices

Wash hands after use and before eating, drinking and smoking. Do not use this product without adequate ventilation.