

# **Bomanite Florthane SB Parts A and B**



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

## **NFPA 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 SB Parts A and B  
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**

<b><i>Composition</i></b>	<b><i>%</i></b>	<b><i>OSHA PEL</i></b>	<b><i>ACGIH TLV</i></b>	<b><i>CAS NO.</i></b>
Trimer of Hexamethylene Diisocyanate	<38	Not established	Not established	3779-63-3
N-Butyl Acetate	<20	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
Aliphatic Diol	Unknown	Not established	25 ppm	Trade Secret

\* Denotes reportable chemicals pursuant to SARA Title III, Section 313.  
Balance is non-hazardous trade secret components, TRSN ABQ-699.

## **III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS**

Specific Gravity (H<sub>2</sub>O=1): 1.03  
Boiling Point: >259 °F  
Melting Point: N/A  
Vapor Pressure: 8 mm Hg @ 212 °F (100 °C)  
Vapor Density: > 1 (Air = 1)  
Evaporation Rate: 0.8 (Butyl acetate = 1)  
Solubility In Water: Reacts with H<sub>2</sub>O

#### IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: 82 °F (C.O.C)  
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, carbon 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  
Sign and Symptoms: 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 water for 15 minutes. If irritation persists, consult a physician.  
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: Yes (Butyl rubber)

Eye Protection: Yes

Other Protective

Clothing Required: Normal for paint and solvent seal application.

### ***Work/Hygiene Practices***

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