

## **Bomanite Ultra-Shield SB-100VOC**



### **Material Safety Data Sheet**

Bomanite LLC  
34501 East Quincy Ave. Building 28  
Watkins, CO 80137

### **HMIS Ratings**

Health: 2  
Flammability: 4  
Reactivity: 0  
Personal Protection: G  
**Manufacturer: Bomanite LLC:**  
**303-369-1115**  
**Emergency Telephone Number:**  
**INFOTRAC: 1-800-535-5053**

**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 Ultra-Shield SB-100VOC  
Synonymous: N/A  
Chemical Family: N/A  
Chemical Formula: Proprietary  
D.O.T. Hazard Class: Paint, 3, UN1263, II  
Appearance & Odor: Clear to slightly hazy liquid, Ketone odor

### **II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS**

<b><i>Composition</i></b>	<b><i>% OSHA TWA</i></b>	<b><i>ACGIH TLV</i></b>	<b><i>CAS NO.</i></b>
Acrylic Polymer	20% None established	None established	Proprietary
Dimethylketone	40% 1000 ppm	500 ppm	67-64-1
p-Chlorobenzotrifluoride	50% None established	None established	98-56-6
Alkylsilane	10% None established	None established	Proprietary
Alkylsiloxane	10% None established	None established	Proprietary

\* Denotes reportable chemicals pursuant to SARA Section 311/312.

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

Boiling Point: >133° F  
Melting Point: N/A  
Vapor Pressure: 31 mmHg@20C  
Vapor Density: No data available  
Evaporation Rate: No data available  
Solubility In Water: 39%

#### IV. **FIRE EXPLOSION & REACTIVITY DATA**

Flash Point:	0° F
Flammable Limits:	LEL = 0.9% UEL = 12.8%
Firefighting Media:	Alcohol-resistant foam, dry chemical, carbon dioxide
Special Firefighting Procedure:	Warning: Evacuate area and fight fire from a distance. Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water. Vapors are heavier than air and may travel along the ground to distant ignition sources. Do not allow runoff from firefighting to enter drains or water courses.
Reactivity:	Stable
Incompatibilities:	Strong oxidizers, acids, alkalies, nitrates.
Decomposition or Byproducts:	Carbon monoxide, carbon dioxide, isobutylene, and acetic acid
Hazardous Polymerization:	Should not occur.
Conditions to Avoid:	Prevent vapor accumulation. Avoid heat and flames.
NFPA Ratings:	Health = 2      Fire = 2      Reactivity = 0      Other = N/A (0 = Least hazardous, 4 = Most hazardous)

#### V. **HEALTH HAZARD DATA**

Acute:	May cause eye, skin, gastrointestinal, and lung irritation. May cause central nervous system depression.
Chronic:	Prolonged and repeated exposures to high concentrations may cause liver and kidney damage.
Inhalation:	May cause irritation and redness. Prolonged or repeated exposure can cause defatting and drying of the skin which may result in a burning sensation and a dried, cracked appearance.
Skin Contact:	May cause irritation and redness. Excessive skin contact can cause defatting and drying of the skin, which may result in a burning sensation and a dried, cracked appearance.
Eye Contact:	Causes redness, tearing, irritation of the eyes. Direct contact may will cause moderate eye irritation.
Ingestion:	May be harmful if swallowed. Aspiration of the material into the lungs can cause chemical pneumonitis, which can be fatal.
Aggravation of Pre-existing Conditions:	Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

#### ***Emergency and First Aid Procedures***

Inhalation:	Move to fresh air and provide oxygen if breathing is difficult. Seek medical attention.
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Skin Contact:	Clean material from skin with acetone, then wash with soap and water followed by moisturizer. If irritation persists, contact a physician.
Eye Contact:	Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. Remove contact lenses if able. Call a physician if irritation persists.
Ingestion:	DO NOT INDUCE VOMITING. Give large quantities of water. Do not give milk or alcoholic beverages. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical attention immediately.

## **VI. SPILL PROCEDURES & WASTE DISPOSAL**

Spill:	No health affects expected from the clean-up of the material if contact can be avoided. Follow the protection information found in Section 7 of the SDS. Ventilate the contaminated area. Prevent the spread of the spilled material by using a suitable absorbent material or sand dam.
Waste Disposal:	Liquid material is an ignitable waste (D001). Dispose of material in accordance with federal, state, and local guidelines.
Precautions for Safe Handling And Storage:	Always use good industrial hygiene practices and safety guidelines. Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flame, sparks, or other sources of heat and ignition.
Special Precautions:	Use proper bonding/grounding techniques to avoid static buildup/discharge, which can ignite vapors. Empty containers may contain explosive levels of vapor. Do not cut , drill, or weld on or near the containers.

## VII. **PROTECTIVE CONTROL MEASURES**

Respirator:	Use NIOSH-approved organic vapor respirator when exposure levels can't be kept below limits.
Ventilation:	Provide adequate mechanical ventilation to keep exposure levels below TLV's.
Protective Gloves:	Wear impervious chemical gloves.
Eye Protection:	Wear chemical safety glasses.
Other Protective Clothing Required:	As needed to prevent repeated/prolonged contact.
Work/Hygiene Practices:	Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.