

Bomanite Ultra Seal



Material Safety Data Sheet

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

HMIS Ratings

Health: 2
Flammability: 3
Reactivity: 0
Personal Protection: H

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 Ultra Seal
Synonymous: N/A
Chemical Family: N/A
Chemical Formula: Proprietary
D.O.T. Hazard Class: Paint, 3, UN1263, II
Appearance & Odor: Clear liquid, sweet odor

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Composition	%	OSHA TWA	ACGIH TLV	CAS NO.
Aromatic Hydrocarbon*	<12	Not established	100 ppm (TWA)	64742-48-9
Acetone	<65	Not established	1,000 ppm (TWA)	67-64-1

* Denotes reportable chemicals pursuant to SARA III, Section 313.

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 0.834
Boiling Point: Unknown
Melting Point: N/A
Vapor Pressure: 185 mm Hg @ 68 °F (20 °C)
Vapor Density: Unknown
Evaporation Rate: 7.7 (Butyl Acetate = 1)
Solubility In Water: Immiscible

IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: -4 °F (-20 °C)
Flammable Limits: Lower explosion limit = 2.6% Upper explosion limit = 12.8%
Firefighting Media: Foam, water fog, carbon dioxide or dry chemical
Firefighting Procedure: Wear self-contained breathing apparatus

Special Firefighting Procedure:	Warning: Flammable! Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear (helmet with face-shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.
Unusual Fire Hazards:	Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup, which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.
Reactivity:	Stable
Incompatibilities:	N/A
Decomposition or Byproducts:	Fire Conditions: Carbon monoxide, hydrochloric acid, hydrofluoric acid, and phosgene.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Heat, sparks and open flames.
NFPA Ratings:	Health = 2 Fire = 3 Reactivity = 0 Other = N/A (0 = Least hazardous, 4 = Most hazardous)

V. HEALTH HAZARD DATA

Inhalation:	Irritation to nose, throat and respiratory tract. High vapor concentrations may cause central nervous system depression or narcosis.
Skin Contact:	Irritant. Excessive skin contact can cause drying and irritation.
Eye Contact:	Irritant.
Ingestion:	Do not induce vomiting. Aspiration of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.
Signs & Symptoms:	Irritation as noted above. Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness and nausea; in extreme cases, unconsciousness and death may occur. Coughing, labored breathing and cyanosis (bluish skin) may evidence aspiration pneumonitis; in severe cases, death may occur.
Aggravated Medical Conditions:	Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

Emergency and First Aid Procedures

Inhalation:	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.
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Skin Contact: Remove contaminated clothing and shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

Eye Contact: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.

Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get immediate medical attention.

VI. SPILL PROCEDURES & WASTE DISPOSAL

Spill: Caution: Combustible. Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Contain spill and absorb. Keep product from entering storm drains.

Waste Disposal: Dispose of in accordance with Federal, State and Local regulations.

Precautions for Safe Handling And Storage: Keep liquid and vapor away from heat, sparks and flame. Surfaces that are sufficiently hot may ignite even liquid product in the absence of sparks and flame.

Other Precautions: Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Vapors may accumulate and travel to ignition sources distant from the handling site; flash-fire can result. Keep containers closed when not in use. Use adequate ventilation. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operation on or near containers. Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and ground transfer containers and equipment.
This is a commercial product, not intended for home use. Keep out of reach of children.

VII. PROTECTIVE CONTROL MEASURES

Respirator: NIOSH-approved respirator for organic vapors (when TLV exceeded)

Ventilation: Yes
Local Exhaust: Yes
Mechanical: In enclosed areas.

Special: N/A

Protective Gloves: Yes

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 or smoking.