

Bomanite Ultra Seal 19 SF



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

HMIS Ratings

Health: 2
Flammability: 4
Reactivity: 0
Personal Protection: G
Manufacturer: Clemons Concrete
Coatings: 615-872-9099
Emergency Telephone Number:
INFOTRAC: 1-800-535-5035

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

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Composition	%	OSHA TWA	ACGIH TLV	CAS NO.
Acrylic Polymer	19%	Not established	Not established	Proprietary
Aromatic Naphtha*				
1,2,4 Trimethylbenzene	<8%	25 ppm (1989 std.)	25 ppm	95-63-6
Naphtalene	<8%	10 ppm	10 ppm	91-20-3
Acetone	8-75%	1,000 ppm	500 ppm (TWA)	67-64-1
t-butyl acetate	8-75%	200 ppm	200 ppm	540-88-5

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

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 0.82
Boiling Point: Unknown
Melting Point: N/A
Vapor Pressure: 41.5 mmHg@25C
Vapor Density: 4.3
Evaporation Rate: 2.8 (n-Butyl Acetate = 1)
Solubility In Water: Negligible

IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point:	0 °F
Flammable Limits:	LEL = 1.1% UEL = 12.8%
Firefighting Media:	Alcohol-resistant foam, dry chemical, carbon dioxide
Firefighting Procedure:	Wear self-contained breathing apparatus
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.
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:	Strong oxidizers
Decomposition or Byproducts:	Carbon monoxide and carbon dioxide
Hazardous Polymerization:	Should not occur.
Conditions to Avoid:	Heat, sparks and open flames
NFPA Ratings:	Health = 2 Fire = 4 Reactivity = 0 Other = N/A (0 = Least hazardous, 4 = Most hazardous)

V. HEALTH HAZARD DATA

Inhalation:	May cause headache, nausea, dizziness, and loss of coordination. Continued inhalation may result in unconsciousness and death. High vapor concentrations may cause central nervous system depression or narcosis.
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:	May cause redness, tearing, and irritation of eyes. Direct contact may cause permanent eye damage.
Ingestion:	May be harmful if swallowed. 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. Get immediate medical attention.

Skin Contact: Remove contaminated clothing and shoes. Clean material from skin with acetone, then wash with soap and water followed by moisturizer. 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. Give large quantities of water. 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:	Chemical safety gloves.
Eye Protection:	Chemical safety glasses.
Other Protective Clothing Required:	As needed to prevent repeated/prolonged contact. Normal for paint and solvent seal application.
Work/Hygiene Practices:	Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash hands thoroughly with soap and water after use and before eating, drinking or smoking. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.