

Bomanite Release Agent



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

HMIS Ratings

Health: 1
Flammability: 0
Reactivity: 0
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 Release Powder
Synonymous: Release powder, hydrophobic powder
Chemical Family: Mixture
Chemical Formula: Proprietary
D.O.T. Hazard Class: N/A
Appearance & Odor: Light, fluffy powder of various colors having an earthy odor.

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Composition	%	OSHA PEL	ACGIH TLV	CAS NO.
Hydrous Magnesium Silicate	>10	2 mg/m ³	20 mppcf	14807-96-6
Calcium Carbonate	>10	15 mg/m ³ TWA (Total Dust) 5 mg/m ³ TWA (Respirable)	10 mg/m ³	1317-65-3
Inorganic Metal Oxide Mixture	>1	None Est.	None Est.	None Est.

* Denotes reportable chemicals pursuant to SARA title III, section 313

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 0.5
Boiling Point: N/A
Melting Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Solubility In Water: Insoluble

IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: N/A
Flammable Limits: N/A
Firefighting Media: N/A

Special Firefighting
Procedure: N/A
Unusual Fire Hazards: N/A
Reactivity: Stable
Incompatibilities: Reacts with strong acid to emit carbon dioxide
Decomposition or
Byproducts: None
Hazardous
Polymerization: Will not occur.
Conditions to Avoid: None

V. HEALTH HAZARD DATA

Inhalation: Acute exposure may cause irritation to the upper respiratory system. Symptoms are coughing, sneezing, wheezing, nose irritation and difficulty in breathing. No reported health effect to long time exposure. Crystalline silica is a minor impurity found in one of the raw materials, but at the level found in this finished product it is not considered to be carcinogenic by OSH, NTP or IARC. Persons with existing pulmonary disorders should avoid breathing any dust generated during the use of this product.

Skin Contact: Mild irritation, NIOSH RTECS IRDS: SKN_HMN 300 ug/3D-1 MLD

Eye Contact: Irritation

Ingestion: Not carcinogenic, may irritate and cause gagging, coughing and choking.

Emergency and First Aid Procedures

Inhalation: Remove from work area into fresh air; administer artificial respiration by qualified person if breathing has stopped. Seek immediate medical attention.

Skin Contact: Wash with soap and water, see physician if irritation persists.

Eye Contact: Flush with large amount of water. See a physician if irritation persists.

Ingestion: Do not induce vomiting. If large amount is swallowed and breathing is difficult, seek immediate medical attention. Have person drink approximately 10 oz. of water to dilute material in stomach.

VI. SPILL PROCEDURES & WASTE DISPOSAL

Spill: Clean spill area by means of dustless collection method and retain for reuse or disposal.

Waste
Disposal: Follow all Federal, State and Local regulations when storing and disposing of substance.

Precautions for
Safe Handling
And Storage: Store at normal room temperatures. Clean up any spills immediately. Practice good housekeeping.

Other Precautions: N/A

VII. PROTECTIVE CONTROL MEASURES

Respirator:	Use proper NIOSH approved dust mask, as specified in OSHA CFR29 1910.134.
Ventilation:	Use local exhaust to meet published exposure limits.
Special:	N/A
Protective Gloves:	Wear appropriate protective gloves.
Eye Protection:	If working in confined area where dust is heavy, it is advisable to wear safety goggles or glasses with side shields to reduce exposure.
Other Protective Clothing Required:	Optional - coveralls to reduce skin contact and keep personal clothing free of dust.

Work/Hygiene Practices

Wet floors may become extremely slippery in combination with this product, do not clean up with water. Exercise stringent hygiene practices to minimize exposure. If unwanted contact or irritation occurs, wash any body parts with water and/or soap immediately, and seek medical attention.