

Bomanite Flattening Agent



Material Safety Data Sheet

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

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 Flattening Agent
Synonymous: Hydroxilated silicon dioxide
Chemical Family: Non-metallic oxide
Chemical Formula: Proprietary
D.O.T. Hazard Class: N/A
Appearance & Odor: White, odorless powder

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

<i>Composition</i>	<i>%</i>	<i>OSHA PEL</i>	<i>ACGIH TLV</i>	<i>CAS NO.</i>
Synthetic Precipitated	>99.8	6 mg/m ³	5 mg/m ³ (Respirable)	112945-52 (resp.)
Silicas			10 mg/m ³ (Total Dust)	7631-86-9

* Denotes reportable chemicals pursuant to SARA Title III, Section 313.
Balance is non-hazardous trade secret components, TRSN ABQ-696.

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 2.2
Boiling Point: N/A
Melting Point: 1700 °F (926.7 °C)
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: None
Reactivity: Stable

Incompatibilities: Avoid alteration of product properties before use. Calcining, which may result in crystalline formation or mixing with additives may alter toxicological properties.

Decomposition or Byproducts: None

Hazardous Polymerization: Will not occur.

Conditions to Avoid: High temperatures (>1450 °F), calcining

NFPA Ratings: Health = 1 Fire = 0 Reactivity = 0 Other = N/A
(0 = Least hazardous, 4 = Most hazardous)

V. HEALTH HAZARD DATA

Routes of Entry: Inhalation: Yes
Skin Contact: No
Ingestion: No

Health Hazards: Excessive contact with powder can cause drying of nose, eyes and throat due to absorption of moisture and oils. This material can also cause nasal irritation and nosebleeds.

Carcinogenicity: NTP? No IARC? No OSHA? No

Signs and Symptoms Of Exposure: May cause discomfort to respiratory tract.

Aggravated Medical Conditions: Respiratory diseases, e.g. asthma.

Emergency and First Aid Procedures

Inhalation: If symptoms of discomfort or irritation occur due to this product, remove affected person to fresh air. If irritation or discomfort persists, consult a physician.

Skin Contact: If irritation or discomfort occurs, consult a physician.

Eye Contact: Flush with plenty of water. If irritation or discomfort persists, consult a physician.

Ingestion: Not a likely route of exposure.

VI. SPILL PROCEDURES & WASTE DISPOSAL

Spill: Vacuum spilled material and place in closed plastic bags for disposal.

Waste Disposal: Waste from this product may be disposed of in a sanitary landfill if State and Local regulations permit. Care should be exercised to avoid creation of dust during disposal operations.

Precautions for Safe Handling And Storage: N/A

Other Precautions: N/A

VII. PROTECTIVE CONTROL MEASURES

Respirator:	Use NIOSH/MSHA approved dust filter respirator for exposure above permissible exposure limits. The respiratory use limitations made by NIOSH/MSHA or the manufacturer must be observed. Respiratory protection programs must be in accordance with 29 CFR 1910.134.
Ventilation:	General or local exhaust sufficient to maintain employee exposure below permissible exposure limits.
Special:	Avoid prolonged or repeated inhalation of dust. Use with adequate ventilation.
Protective Gloves:	Cloth, leather or rubber.
Eye Protection:	If eye exposure is powder likely, use tight fitting protective goggles.
Other Protective Clothing Required:	Boots, aprons, or chemical suits should be used when necessary to prevent skin contact. Personal protective clothing and use of equipment must be in accordance with 29 CFR 1910.132 and 29 CFR 1910.133.

Work/Hygiene Practices

Wash thoroughly every day after work. Do not eat, drink or smoke in work area.