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Architectural Concrete Solutions

Bomanite CSB Liquid Polymer

Section 1 Product Description

Product Name: Bomanite CSB Liquid Polymer
Recommended Use: Polymer blend to improve cement based products
Supplier: The Bomanite Company * PO Box 2649 * Fair Oaks, CA 95628
(303) 369-1115 * www.bomanite.com
Emergency Phone: CHEMTRAC 1-800-424-9300

Section 2 Hazard Identification

Not classified for physical or health hazards under GHS.

Signal Word:

None

Hazard Statements:

None

Precautionary statements:

Prevention:

If medical advice is needed, have product container or label at hand. Keep out of reach of children.
Read label before use.

Section 3 Composition/ Information on Ingredients

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc.(wt. %)</u>
Deionized Water	CAS 7732-18-5	Not established	Not established	45 - 45
Carboxylated styrene-butadiene Polymer	Proprietary	Not established	Not established	45 - 55

Section 4 First Aid Measures

Emergency First Aid Procedures

Skin: Wash hands and exposed skin with soap and plenty of water. Seek medical attention if irritation persists or concerned.

Eyes: Protect unexposed eye. Rinse or flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Seek medical attention if irritation persists or concerned.

Inhalation: Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Seek medical assistance if cough or other symptoms appear.

Ingestion: Rinse mouth thoroughly. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if irritation persists or if concerned.

Section 5 Firefighting Procedures

Suitable Extinguishing Media: Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

Unsuitable Extinguishing Media: n/a

Flash Point (TCC): n/a

Flammable Limits (% volume in air for solvents): LEL=n/a UEL=n/a

Special Fire Fighting Procedures: Wear protective eyewear, gloves, and clothing. Refer to Section 8. Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA). Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

Section 6 Spill or Leak Procedures

Steps to Take if Material is Released or Spilled: Ensure adequate ventilation. Ensure that air-handling systems are operational. Should not be released into environment. Prevent from reaching drains, sewer, or waterway. Wear protective eyewear, gloves, and clothing. Refer to Section 8. Containerize for disposal. Refer to Section 13. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal. Absorb with suitable material.

Section 7 Handling and Storage

Normal Handling: Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

Storage: Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials.

Waste Disposal Method: Dispose of material in accordance with federal, state, and local guidelines.

Special Precautions: n/a

Section 8 Protection Information

Respiratory Protection: Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

Ventilation: Provide adequate mechanical ventilation to keep exposure levels below TLV's.

Protective Gloves: Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

Eye Protection: Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.

Other Protective Clothing or Equipment: As needed to prevent repeated/prolonged contact.

Work/Hygienic 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.

Section 9 Physical Data

Appearance: Liquid, white

Odor: Slightly sweet

Odor Threshold: n/a

pH: 6-9

Freezing/Melting Point: 0° C

Boiling Point: 100° C at 17mm hg

Flash Point: n/a

Evaporation Rate: n/a

Flammability (solid, gas): n/a

Lower/Upper Flammability: n/a

Vapor Pressure: 17 mm hg @ 20° C

Vapor Density: <1

Relative Density: 1.00 – 1.03

Solubility: Miscible

Partition Coefficient: n/a

Auto-ignition Temperature: n/a

Decomposition temperature: > 177° C

Viscosity: n/a

Recommended Storage Temperature: 1.0 °C - 49 °C

Section 10 Reactivity Data

Reactivity: Nonreactive under normal conditions.

Conditions to avoid: Incompatible materials.

Incompatibility (Materials to Avoid): Strong oxidizers

Hazardous Decomposition (Byproducts): Carbon oxides

Hazardous Polymerization: n/a

Section 11 Toxicity Data

Routes of Exposure: Inhalation, Ingestion, eyes, and Skin.

Acute Toxicity Lethal Doses (ATE): n/a

Health Hazards:

Acute: n/a

Chronic: n/a

Skin Contact: n/a

Eye Contact: n/a

Inhalation: n/a

Ingestion: n/a

Carcinogen: n/a

Aggravation of Pre-existing Conditions: n/a

Section 12 Ecological Data

Acute Toxicity to Fish: n/a

Acute Toxicity to Aquatic Invertebrates: n/a

Toxicity to Aquatic Plants: n/a

Toxicity to Microorganisms: n/a

Chronic Toxicity to Fish: n/a

Chronic Toxicity to Aquatic Invertebrates: n/a

Persistence and Degradability: n/a

Bioaccumulation Potential: n/a

Mobility in the Soil: n/a

Other Adverse Effects: n/a

Section 13 Disposal Information

Waste Disposal Method: Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

Section 14 Transport Information

Proper Shipping Name: Not regulated

Hazard Class: n/a

UN: n/a

Packing Group: Not regulated

Marine Pollutant: n/a

Section 15 Regulatory Information

SARA 311/312: This product contains no chemicals listed.

OSHA: This product contains no chemicals listed.

TSCA: This product contains no chemicals listed.

California Proposition 65: This product contains no chemicals listed.

Section 16 Additional Information

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.