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Bomanite Liquid Release Advantage

Section 1 Product Description

Product Name:	Bomanite Liquid Release Advantage
Recommended Use:	Liquid stamp release for concrete
Supplier:	The Bomanite Company * 8777 Auburn Folsom Rd. #108 * Granite Bay, CA 95746 (303) 369-1115 * www.bomanite.com
Emergency Phone:	CHEMTRAC 1-800-424-9300

Section 2 Hazard Identification

Category 3 Flammable Liquid
Category 2 Skin Irritation
Category 2A Eye Irritation
Category 3 Specific Target Organ Acute Toxicity (Central Nervous System)
Category 1 Aspiration Hazard

Signal Word
Danger

Hazard Statements
H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness

Precautionary Statements
Prevention:
P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking
P233 Keep container tightly closed
P260 Do not breathe mist/vapors/spray
P264 Wash skin thoroughly after handling
P271 Use only outdoors or in a well-ventilated area
P281 Use personal protective equipment as required
Response:
P301+P310+P331 IF SWALLOWED: Do NOT induce vomiting. Immediately call a poison center or doctor/physician
P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340+P311 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician.
P305+p351+p338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse
P370+P378 In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction
Storage:
P403+P233+P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Disposal:
P501 Dispose of contents/container in accordance with local/federal regulations.

Section 3 Composition/ Information on Ingredients

	CAS #	OSHA PEL(TWA)	ACGIH(TLV-TWA)	Wt.%
Petroleum Naphtha, heavy	Proprietary	500 ppm	Not available	0.0 – 100.0
Naphtha, hydrotreated heavy	Proprietary	500 ppm	Not available	0.0 – 100.0

Section 4 First Aid Measures

Emergency First Aid Procedures
Skin: Clean material from skin with soap and water followed by moisturizer.
Eyes: Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. Call a physician if irritation persists.
Inhalation: Move to fresh air and provide oxygen if breathing is difficult. Seek medical attention if irritation persists.
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 medical attention immediately.

Section 5 Firefighting Procedures

Extinguishing Media: Dry chemical, CO2, foam, water fog.
Flash Point (TCC): 140° F
Flammable Limits (% volume in air for solvents): LEL=0.6 **UEL=**7.0
Special Fire Fighting Procedures: 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.

Section 6 Spill or Leak Procedures

Steps to Take if Material is Released or Spilled: No health affects expected from the clean-up of the material if contact can be avoided. Follow the protection information found in Section 8 of this SDS. Absorb spillage in suitable inert material. Sweep or scrape up and containerize.

Section 7 Handling and Storage

Normal Handling: Always use good industrial hygiene practices and safety guidelines.
Storage: Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flame, sparks, or other sources of heat and ignition.
Waste Disposal Method: Dispose of material in accordance with federal, state, and local guidelines.
Special Precautions: Use proper bonding/grounding techniques to avoid static buildup/discharge, which can ignite vapors. Empty containers may contain explosive levels of vapor. Do not cut, drill, or weld near the containers.

Section 8 Protection Information

Respiratory Protection: Use NIOSH-approved organic vapor respirator when exposure levels cannot be maintained below limits or the chance of mist inhalation is present.
Ventilation: Provide adequate mechanical ventilation to keep exposure levels below TLV's.
Protective Gloves: Wear impervious chemical gloves.
Eye Protection: Wear chemical safety glasses.
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: Clear liquid
Odor: Typical hydrocarbon
Odor Threshold: No data available
pH: None
Freezing/Melting Point: No data available
Boiling Point: >340° F
Flash Point: 140° F
Evaporation Rate: 0.09 (butyl acetate=1)
Flammability (solid, gas): No data available
Upper/lower Flammability: 0.6-7.0 (% vol. in air)
Vapor Pressure: 0.1 mm Hg @ 20° C
Vapor Density (Air=1): 5.5

Relative Density: 0.77 g/cc
Solubility: Negligible solubility in water
Partition Coefficient: Not determined
Auto-ignition Temperature: 500°F
Decomposition temperature: Not determined
Viscosity: Not determined
Specific Gravity (H20=1): 0.77

Section 10 Reactivity Data

Reactivity: Stable.
Conditions to avoid: Prevent vapor accumulation. Avoid heat, sparks, and flames.
Hazardous decomposition products: Carbon monoxide and carbon dioxide
Hazardous Polymerization: Should not occur.
Incompatibility (Materials to Avoid): Strong acids and oxidizing materials.

Section 11 Toxicity Data

Routes of Exposure: Inhalation, ingestion, eyes, and skin.
Acute Toxicity Lethal Doses (ATE):
LC50 (inhl) >5610 mg/l
LD50 (oral) >5000 mg/kg
LD50 (skin) >3000 mg/kg
Health Hazards:
Acute: Minimally toxic. May cause eye, skin, gastrointestinal, and lung irritation. May cause central nervous system excitation followed by depression.
Chronic: Prolonged and repeated exposures to high concentrations may cause liver and kidney damage.
Skin Contact: May cause irritation and redness. Prolonged or repeated exposure 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, blurred vision, and irritation of the eyes.
Inhalation: Overexposure may cause headache, nausea, dizziness, and loss of coordination.
Ingestion: May be harmful if swallowed. Aspiration of the material into the lungs can cause chemical pneumonitis, which can be fatal.
Carcinogen: None
Aggravation of Pre-existing Conditions: Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

Section 12 Ecological Data

Acute Toxicity to Fish: No data available
Acute Toxicity to Aquatic Invertebrates: No data available
Toxicity to Aquatic Plants: No data available
Toxicity to Microorganisms: No data available
Chronic Toxicity to Fish: No data available
Chronic Toxicity to Aquatic Invertebrates: No data available
Persistence and Degradability: Expected to degrade readily and rapidly in the presence of oxygen
Bioaccumulation Potential: This material is not expected to bioaccumulate
Mobility in the Soil: Adsorbs in soil
Other Adverse Effects: None established

Section 13 Disposal Information

Waste Disposal Method: Liquid material is an ignitable waste (D001). Dispose of material in accordance with all Federal, State, and Local regulations.

Section 14 Transport Information

For Domestic (US) Ground Transport: Non-Regulated Material in <119-gallon containers

For all other modes:
Proper Shipping Name: Paint Related Material
Hazard Class: 3
UN: UN1263
Packing Group: PGIII
Marine Pollutant: No

Section 15 Regulatory Information

SARA 311/312: Yes. (Fire, Acute, Chronic)
OSHA: This material is hazardous by definition of Hazardous Communications Standard (29 CFR 1910.1200).
TSCA: Components of this material are either listed or are exempt from the EPA TSCA Inventory of Chemical Substances.
California Proposition 65: This product contains no chemicals known to the State of California to cause cancer or reproductive harm.

Massachusetts Right To Know: None

Pennsylvania Right To Know:	Petroleum Naphtha, heavy	Proprietary	0.0 – 100.0%
	Naphtha, hydrotreated heavy	Proprietary	0.0 – 100.0%
New Jersey Right To Know:	Petroleum Naphtha, heavy	Proprietary	0.0 – 100.0%
	Naphtha, hydrotreated heavy	Proprietary	0.0 – 100.0%

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.