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Architectural Concrete Solutions

Bomanite HydroSeal FP

Section 1 Product Description

Product Name: Bomanite HydroSeal FP
Recommended Use: Sealing Concrete
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

Hazard Statement

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Precautionary Statement

Prevention:

P261 Avoid breathing mist
P280 Wear eye protection
P270 Do not eat, drink, or smoke while using this product

Response:

P301+P314 IF SWALLOWED: Get medical advice if you feel unwell.
P302+P353 IF ON SKIN: Rinse skin with water.
P304+P340+P342+P313 IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical advice.
P305+ P351+P338+P314 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Get medical advice if you feel unwell.

Section 3 Composition/ Information on Ingredients

	<u>CAS #</u>	<u>Conc. (wt%)</u>
Water	7732-18-5	60 - 100
Proprietary-Polydimethylsiloxane derivatives	Undisclosed	1 - 10
Ethanol	64-17-5	1 - 3
Triethoxy(2,4,4-trimethylpentyl)-silane	35435-21-3	1 - 3
Proprietary - Fluorochemical Urethane	Undisclosed	1 - 5

Section 4 First Aid Measures

Emergency First Aid Procedures

Skin: Wash off immediately with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Consult a physician if necessary.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion: Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms May cause irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5 Firefighting Procedures

Suitable extinguishing media: Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Firefighting equipment/instructions: In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.

General fire hazards: No unusual fire or explosion hazards noted.

Section 6 Spill or Leak Procedures

Personal Precautions, protective equipment and emergency procedures: Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Large Spill Containment: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Disposal Regulatory Requirements: Follow applicable Federal, state, and local regulations.

Section 7 Handling and Storage

Normal Handling: Keep away from other household chemicals and food. Use only in well ventilated areas.

Storage: Store material in its original container. Keep containers tightly closed when not in use. Store away from metals, organic materials, and food sugars.

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

Special Precautions: Avoid breathing mist.

Section 8 Protection Information

Biological limit values: No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls: Provide adequate ventilation and minimize the risk of inhalation of vapors.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Risk of contact: Wear approved safety glasses or goggles.

Skin protection: Wear appropriate chemical resistant gloves. Rubber gloves are recommended. Wear appropriate chemical resistant clothing.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 Physical Data

Appearance: Liquid

Color: White

Odor: Mild

Odor Threshold: No data

pH: 8

Boiling Point: 100 °C (212 °F)

Flash Point: >100 °C (>212°F)

Evaporation Rate: No data

Flammability (solid, gas): No data

Upper/lower Flammability: N/A

Vapor Pressure: No data

Vapor Density: No data

Water Solubility: 100%

Partition Coefficient: No data

Auto-ignition Temperature: N/A

Decomposition temperature: No data

Viscosity: No data

Specific Gravity (H₂O=1, at 4 °C): 1.03

V.O.C. Content: <25 g/L

Section 10 Reactivity Data

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: Will not occur.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: Oxidizing agents.

Hazardous decomposition products: Carbon dioxide (CO₂). Carbon monoxide.

Section 11 Toxicity Data

Routes of Exposure: Inhalation, ingestion, eyes, and skin.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Inhalation: In high concentrations, vapors may be irritating to the respiratory systems.

Ingestion: May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms include redness, itching and pain.

Information on toxicological effects

Acute toxicity May cause discomfort if swallowed.

Skin corrosion/irritation May cause skin irritation on prolonged or repeated contact.

Serious eye damage/eye irritation May cause eye irritation on direct contact.

Respiratory or skin sensitization

Respiratory sensitization No data.

Skin sensitization Not a skin sensitizer.

Germ cell mutagenicity No data.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity: Not listed.

NTP Report on Carcinogens: Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not regulated.

Reproductive toxicity: No data.

Specific target organ toxicity:

single exposure - No data.

repeated exposure - No data.

Aspiration hazard: Not classified.

Chronic effects: Prolonged contact may cause dryness of the skin.

Section 12 Ecological Data

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data.

Mobility in soil: No data.

Mobility in general: The product is soluble in water.

Other adverse effects: No data.

Section 13 Disposal Information

Waste Disposal Method: Dispose of material in accordance with all Federal, State, and Local regulations. Must not be disposed of with household garbage. Do not allow product to reach waterways or storm sewers.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is

emptied.

Section 14 Transport Information

DOT: Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Section 15 Regulatory Information

US federal regulations: This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No
	Delayed Hazard - No
	Fire Hazard - No
	Pressure Hazard - No
	Reactivity Hazard - No

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: No

SARA 313 (TRI reporting): Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.

Safe Drinking Water Act (SDWA): not regulated

US state regulations: This product does not contain a chemical known to the State of California to cause cancer birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

Ethanol (CAS 64-17-5)

US. New Jersey Worker and Community Right-to-Know Act

Ethanol (CAS 64-17-5)

US. Pennsylvania Worker and Community Right-to-Know Law

Ethanol (CAS 64-17-5)

US. Rhode Island RTK

Ethanol (CAS 64-17-5)

International Inventories

TSCA Complies

DSL/NDSL Complies

Legend:

TSCA - *United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL - *Canadian Domestic Substances List/Non-Domestic Substances List*

Country(s) or region Inventory name On inventory (yes/no)*

Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes

Country(s) or region Inventory name On inventory (yes/no)*

Europe	European Inventory of Existing Commercial Chemical	Yes
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**Bomanite HydroSeal FP
Safety Data Sheet**

Europe	Substances (EINECS) European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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.