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Architectural Concrete Solutions

Bomanite Florspartic 100 - A

Section 1

Product Description

Product Name: Bomanite Florspartic 100 – Part A
 Recommended Use: decorative 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

Physical hazards Not classified.
Health hazards Sensitization, skin - Category 1
Environmental hazards Hazardous to the aquatic environment, acute hazard - Category 3
 Hazardous to the aquatic environment, long-term hazard - Category 3
OSHA defined hazards Not classified



Signal Word

Warning

Hazard statements:

May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

Precautionary statements:

Prevention Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Avoid release to the environment.

Response: If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage: Store away from incompatible materials.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Section 3

Composition/ Information on Ingredients

Component	CAS No.	OSHA PEL(TWA)	ACGIH(TLV-TWA)	Weight %
Tetraethyl n,n'-(methylenedicyclohexane-4,1-diy)bis-di-aspartate	136210-30-5	Not Established	Not Established	70-75
Bis(4-(1,2 bis(ethoxycarbonyl)- ethylamino)-3-methyl-cyclohexyl)-methan	136210-32-7	Not Established	Not Established	20-25
Aliphatic Carboxylic Ester	623-91-6	Not Established	Not Established	2.5-6
Coconut oil	8001-31-8	5 mg/m3 – Respirable fraction 15 mg/m3-Mist	5 mg/m3- Respirable. 10 mg/m3-Mist	2-3

Section 4 First Aid Measures

Emergency First Aid Procedures

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Skin contact: Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Do not induce vomiting. Get medical attention if any discomfort continues.

Most important symptoms/effects, acute and delayed: Sensitization.

Indication of immediate medical attention and special treatment needed: Treat symptomatically.

General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 Firefighting Procedures

Suitable extinguishing media: 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: Will burn if involved in a fire.

Section 6 Spill or Leak Procedures

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:

Large Spills: Remove sources of ignition. 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.

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

Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS.

Environmental precautions: Avoid release to the environment. Environmental manager must be informed of all major releases.

Section 7 Handling and Storage

Precautions for safe handling: Do not breathe mist or vapor. Do not smoke or use open fire or other sources of ignition. Do not get in eyes, on skin, on clothing. Use with adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Store in a cool and well-ventilated place.

Section 8 Protection Information

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Coconut oil (CAS 8001-31-8)	PEL	5 mg/m ³	Respirable fraction.
		15 mg/m ³	Mist

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Coconut oil (CAS 8001-31-8)	TWA	5 mg/m ³	Respirable.
		10 mg/m ³	Mist

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: Wear approved safety glasses or goggles.

Skin protection:

Hand protection: Wear appropriate chemical resistant gloves. Rubber gloves are recommended.

Other: Wear appropriate chemical resistant clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

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:

Physical state Liquid

Form Liquid

Color Not available

Odor: Not available

Odor threshold: Not available

pH: Not available

Melting point/freezing point: Not available

Initial boiling point and boiling range: 365 °F (185 °C)

Flash point: 278.0 °F (136.7 °C)

Evaporation rate: Not available

Flammability (solid, gas): Not available

Upper/lower flammability or explosive limits

Flammability limit – lower (%): Not available

Flammability limit – upper (%): Not available

Vapor pressure: 0 mm Hg (100 °F / 38 °C)

Vapor density: 4.61 (Air=1)

Relative density: 1.062

Solubility (water): Insoluble in water

Partition coefficient (n-octanol/water): Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

Explosive properties: Not explosive

Oxidizing properties: Not oxidizing

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

Information on likely routes of exposure:

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

Skin contact: Causes mild skin irritation.

Eye contact: May cause eye irritation.

Ingestion: May cause discomfort if swallowed.

Symptoms related to the physical, chemical and Toxicological characteristics: Sensitization.

Information on toxicological effects:

Acute toxicity: May cause discomfort if swallowed.

Skin corrosion/irritation: Causes mild skin irritation.

Serious eye damage/eye irritation: May cause eye irritation.

Respiratory or skin sensitization

Respiratory sensitization: No data available.

Skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: No data available.

Carcinogenicity: Not classified.

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

Reproductive toxicity: No data available.

Specific target organ toxicity - single exposure: No data available.

Specific target organ toxicity - repeated exposure: No data available.

Aspiration hazard: Not classified.

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

Further information: No other specific acute or chronic health impact noted.

Section 12 Ecological Data

Ecotoxicity: Harmful to aquatic life with long lasting effects.

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

Bioaccumulative potential: No data available for this product.

Mobility in soil: No data available.

Mobility in general: The product is insoluble in water.

Other adverse effects: No data available.

Section 13 Disposal Information

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

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 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 listed.

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

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Hazard categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: Yes

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 material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US. Massachusetts RTK - Substance List: Coconut oil (CAS 8001-31-8)

US. New Jersey Worker and Community Right-to-Know Act: Coconut oil (CAS 8001-31-8)

US. Pennsylvania Worker and Community Right-to-Know Law: Coconut oil (CAS 8001-31-8)

US. Rhode Island RTK: Not regulated.

US. California Proposition 65: Not Listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
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.