



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier

Product Form: Powder
Substance Name: FIBERLAY GLASS BUBBLES
Product Code(s): 15731, 15334, 15735, 15738, 157310

1.2 Details of the Supplier of the Safety Data Sheet

Fiberlay Inc.
1468 Northgate Blvd
Sarasota, FL 34234
T 206-782-0660
F 888-782-0662
www.Fiberlay.com

1.3 Emergency Telephone Number

Emergency Number: CHEMTREC: Domestic - 800-424-9300

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification: Not classified as dangerous for supply/use.

Hazards summary: Dust may cause irritation. Caution – spillages may be slippery.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	%W/W	CAS No.	EINECS No. / REACH Registration	EC Classification and Risk Phrases
Amorphous Sodium Borosilicate	>95	50815-87-7	Exempt	Not applicable.
Synthetic amorphous silica	<5	7631-86-9	231-545-4	Not applicable.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact: Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. If symptoms persist, obtain medical attention.

Skin Contact: Wash affected skin with plenty of water. If symptoms occur obtain medical attention.

Inhalation: In case of accident by inhalation: remove casualty to fresh air and keep at rest. If symptoms develop, obtain medical attention.

Ingestion: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Dust may cause irritation. Caution - spillages may be slippery.

4.3 Indication of any immediate medical attention and special treatment needed

Flush the contaminated area of body with large amounts of water.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: As appropriate for surrounding fire.

Unsuitable extinguishing Media: None known.

5.2 Special hazards arising from the substance or mixture: Non-combustible

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing. Wear eye/face protection. An approved dust mask should be worn if dust is generated during handling. See Also Section 8.

6.2 Environmental precautions

Floats on water.

6.3 Methods and materials for containment and cleaning up

Caution - spillages may be slippery. Avoid generation of dust. Use vacuum equipment for collecting spilt materials, where practicable. Transfer to a container for disposal or recovery.

6.4 Reference to other sections

Not applicable.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin, eyes or clothing. Avoid generation of dust. Wash thoroughly after handling. Wear protective equipment to comply with good occupational hygiene practice. Do not eat, drink or smoke at the work place.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and dry. In case of high humidity or storage for extended periods of time, use plastic bags to enclose product containers to avoid caking.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Substance	Occupational Exposure Limits
Synthetic amorphous	ACGIH Particles not otherwise classified

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapor etc) below recommended exposure limits.

8.2.2 Personal Protection

- Respiratory protection:** Avoid inhalation of dusts. Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.
- Eye/face protection:** Chemical goggles (EN 166).
- Skin protection:** Wear suitable protective clothing and gloves. For example PVC or rubber gloves.

8.2.3 Environmental Exposure Controls: Local exhaust recommended

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder. White.
Odor	Odorless.
pH (Value)	Not applicable.
Freezing Point (°C)	Not applicable.
Melting Point (°C)	Not applicable.
Boiling Point (°C)	Not applicable.
Flash Point (°C) [Closed cup]	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Explosive Limit Ranges	Not applicable.
Vapor Pressure (mm Hg)	Not applicable.
Vapor Density (Air=1)	Not applicable.
Density (g/ml)	Not applicable.
Solubility (Water)	Soluble.
Solubility (Other)	Not available.
Partition Coefficient	Not available.
Auto Ignition Point (°C)	Not applicable.
Decomposition Temperature (°C)	Not applicable.
Viscosity (mPa. s)	Not applicable.
Explosive properties	Not applicable.
Oxidizing Properties	Not applicable.

Other Information: Not applicable

10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** Avoid contact with strong acids
- 10.2 Chemical stability:** Stable.
- 10.3 Possibility of hazardous reactions:** None known.
- 10.4 Conditions to avoid** None known.
- 10.5 Incompatible materials** Strong acids
- 10.6 Hazardous decomposition product(s):** None known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

Ingestion: Avoid ingestion. May be harmful if swallowed.

Inhalation: When a similar material was tested for respiratory toxicity in a 6-month intra-tracheal study in rats, no mortalities, untoward reaction, or observation correlated with exposure to the material. Minimal multifocal inflammation of the lung occurred in 90% of males and 80% of females. No appreciable increase in fibrous tissue was present in these lesions.

Skin Contact: When tested for primary irritation potential, this material caused mild eye irritation and slight skin irritation.

Eye Contact: When tested for primary irritation potential, this material caused mild eye irritation and slight skin irritation.

Sensitization: It is not a skin sensitizer.

Carcinogenicity: IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.

12. ECOLOGICAL INFORMATION

12.1 Toxicity: No data available on mixture. The following data is reported for sodium silicates: a 96 hour median tolerance for fish (*Gambusia affinis*) of 2320 ppm; a 96 hour median tolerance for water fleas (*Daphnia magna*) of 247 ppm.

12.2 Persistence and degradability: No data available on mixture

12.3 Bio-accumulative potential: No data available on mixture

12.4 Mobility in soil: No data available on mixture

12.5 Results of PBT and vPvB: assessment Not classified as PBT or vPvB

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: The waste is considered to be non-hazardous. Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

14.2 Proper Shipping Name NOT CLASSED AS DANGEROUS FOR TRANSPORT.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA Inventory Status: Reported/Included.

AICS Inventory Status: Reported/Included.

DSL/NDSL Inventory Status: Reported/Included.

German Water Hazard Classification VwVwS: WGK class 1 (low hazard to water). 1,0,0

16. OTHER INFORMATION

Fiberlay Inc. believes the law requires us to inform you that detectable amounts of any of the listed chemicals might be present in Fiberlay products. Based on a review of the list, Fiberlay products, like all synthetic and naturally occurring chemical substances, may conceivably contain trace contaminants of some of the listed substances. While not necessarily added to our products as ingredients, some of the listed chemicals may be present in the raw materials as received from suppliers over which we have no control.

Preparation Date: 12-31-2018

Prepared by: Kevin Aber

Comments: This Safety Data Sheet was prepared using information provided by Fiberlay Inc.

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The logo for Fiberlay, featuring the word "Fiberlay" in a stylized, rounded, pink font with a white outline and a blue shadow. A registered trademark symbol (®) is located at the bottom right of the word.