SAFETY DATA SHEET

Product Name: Spheriglass® Beads, Glass Beads, Crushed Glass

Product Description: Soda lime glass (beads/irregular-shaped particle powder)

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name — Spheriglass® beads, Glass beads, Crushed glass

1.2 Other means of identification — amorphous glass powder/spheres

1.3 Relevant identified uses of the substance or mixture and uses advised against Identified use(s)
Used as functional fillers and additives in various industrial applications, plastics, paints & coatings, composites and thermoset systems. **Also used as a sandblasting media that contains 0% Free Silica**.

1.4 Details of the supplier of the safety data sheet

Company Name:	AGSCO Corporation	Emergency number: 847-520-4455
Address:	1755 N. Butterfield Road Libertyville, Illinois 60048	Information number: 847-520-4455 Date prepared: August, 2023

2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

EC Classification — Not classified as dangerous for supply/use.

Hazards summary — Dust may cause irritation. Spilled material is slippery.

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	%W/W	CAS No.	EINECS No. / REACH Registration	EC Classification and Risk Phrases
Glass oxide; Glass	100	65997-17-3	2660460	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 — Do not induce vomiting. Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Dust may cause irritation. Spilled material is slippery. Dust may cause discomfort and mild irritation.

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

6.2 Methods and materials for containment and cleaning up

Wear suitable protective clothing. Wear eye/face protection.

Caution - spillages may be slippery. Avoid generation of dust. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.

6.3 Reference to other sections Not applicable.

7:HANDLING ANDSTORAGE

7.1 Precautions for safe handling Avoid contact with eyes, skin and 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.

7.3 Specific end use(s) Not applicable.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

SUBSTANCE.	Occupational Exposure Limits
Glass oxide; Glass	No Occupational Exposure Limit assigned. 15mg/m3 total dust 5mg/m3 respirable (Particulates Not Otherwise Regulated)

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

8.2.2 Personal Protection

Respiratory protection	Wear suitable respiratory protective equipment if working in confined spaces with inadequate ventilation or where there is any risk of the exposure limits being exceeded.
Eye and Face	Goggles.
Skin protection	Wear suitable protective clothing and gloves. For example cotton or rubber.

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Glass Powder
White. Odor	Odorless.
Odor Threshold (ppm)	Not applicable.
pH (Value)	Not applicable.
Freezing Point (°C)	Not applicable.
Melting Point (°C)	Approximately 730°C
Boiling Point (°C)	Not applicable.
Flash Point (°C) [Closed cup]	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-combustible.
Vapor Pressure (mm Hg)	Not applicable.
Vapor Density (Air=1)	Not applicable.
Solubility (Water)	Insoluble.
Partition Coefficient	Not applicable.
Auto Ignition Point (°C)	Not applicable.
Decomposition Temperature (°C)	Not applicable.
Viscosity (mPa. s)	Not applicable.
Explosive properties	Not applicable.
Oxidizing Properties	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	Not applicable.
10.4 Conditions to avoid	Not applicable.
10.5 Hazardous decomposition product(s)	None known.

11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Ingestion	The acute oral toxicity of this product has not been tested. A similar material was nontoxic to rats at 5,000 mg/kg.
Inhalation	Inhalation may cause irritation to the mucous membranes.
Skin Contact	Dust may cause mechanical irritation.
Eye Contact	Dust may cause mechanical irritation.
Sensitization	Not sensitizing.
Carcinogenicity	There are no known reports of carcinogenicity of non-fibrous glass. Components are not listed by IARC, NTP or OSHA as carcinogens.
Reproductive toxicity	No evidence of reproductive effects.

12: ECOLOGICAL INFORMATION

12.1 Toxicity No environmental hazards have been reported or known.

12.2 Persistence and degradability

This material is persistent but inert in aquatic systems. It will not bioconcentrate up the food chain.

12.3 Results of PBT and vPvBassessment

Not classified as PBT or vPvB.

12.4 Other adverse effects Not applicable

13: DISPOSAL CONSIDERATIONS

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

14: TRANSPORT INFORMATION

14.1 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.
There is no **CERCLA** Reportable Quantity for this material.
Contains no **SARA** Title III, Section 313 notification chemical present at or above the deminimus concentration.
German Water Hazard Classification VwVwS: WGK class 1 (low hazard to water).
HMIS: 0,0,0



16: OTHER INFORMATION

EC Classification No. 67/548/EEC: Not classified as dangerous for supply/use.
GHS Classification: Not classified as dangerous for supply/use.

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