FLUID TECHNOLOGY SERVICE

INTERNATIONAL, L.L.C.

GLASS BEADS

SAFETY DATA SHEET

Version: v1.1
Original Date: 10/2011
Revision Date: 01/2014

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Name: Glass Beads
Brand: Fluid Technology Service International, L.L.C.

1.2 Use and Substance / Preparation

Impact abrasive

1.3 Details of the supplier of the safety data sheet

Fluid Technology Service International, LLC
P.O. Box 1702
Scott, LA 70583
Telephone: +1 (877) 503-5843
Fax: +1 (337) 264-9493

1.4 Emergency telephone number

Chemtrek (24 Hours): 1 (800) 424-9300

SECTION 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. Caution – spillages may be slippery. When used for abrasive blasting, this material can rebound or fragment into sharp particles which are hazardous to the eyes and skin. Noise is a major hazard in abrasive blasting processes. Abrasive blasting can generate heat, sparks, and static electrical charge.**

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Regulation (EC) No. 1272/2008 (CLP)

Ingredient(s)	%W/W	CAS No.	EINECS No. / REACH Registration	Hazard symbol(s) and hazard statement(s)
Glass oxide; Glass	100	65997-17-3	2660460	Not classified.

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. Caution – spillages may be 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

Wear suitable protective clothing. Wear eye/face protection.

6.2 Methods and materials for containment and cleaning up

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 AND STORAGE

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. Observe OSHA regulations for abrasive blasting (29 CFR 1910.94) respirator use (29 C.F.R. 1910.134).**

Eye/face protection — **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.
Odour	Odourless.
Odour Threshold (ppm)	Not applicable.
pH (Value)	Not applicable.
Freezing Point (°C)	Not applicable.
Melting Point (°C)	Approx 730 C
Boiling Point (°C)	Not applicable.
Flash Point (°C) [Closed cup]	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-combustible.
Vapour Pressure (mm Hg)	Not applicable.
Vapour 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.
Oxidising 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	**May cause irritation to the respiratory system.**
Skin Contact	**Dust may cause mechanical irritation.**
Eye Contact	**Dust may cause mechanical irritation.**
Sensitisation	**Not sensitizing.**
Carcinogenicity	**There are no known reports of carcinogenicity of nonfibrous glass. Components are not listed by IARC, NTP or OSHA as carcinogens.**
Reproductive toxicity	**No evidence of reproductive toxicity or developmental toxicity.**

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.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 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. TRANSPORTATION INFORMATION

14.1 Proper Shipping Name

NOT CLASSED AS DANERGOUS 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).

16. OTHER INFORMATION

This SDS was last reviewed: 01/2014
The following sections contain revisions or new statements: All sections.

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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