

Section 1: Identification**1.1 Product identifier**Product Name: **Glass Bead****1.2 Relevant identified uses of the substance or mixture and uses advised against**

Media for surface treatment, surface preparation and/or cleaning by impact.

1.3 Details of the supplier of the product informationSupplier: The Guyson Corporation of U.S.A.
13 Grande Blvd.
Saratoga Springs, NY 12866
www.guyson.com**1.4 Telephone number:** 518-587-7894**1.5 E-mail:** custsvc@guyson.com or info@guyson.com**Section 2: Hazard Identification****2.1 Classification of the substance or mixture**

Not classified as dangerous according to the Globally Harmonized System (GHS)

2.2 Label elements:

Not required

2.3 Other hazards:

Dust may cause irritation. Spilled material is 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**3.1 Substance**

Ingredient(s)	%WW	CAS No.	EINECS No. / REACH Registration	EC Classification and Risk Phrases
Glass oxide; Glass	100	65997-17-3	2660460	Not applicable

Section 4: First-Aid Measures**4.1 Description of first aid measures**

- **After inhalation:** Ensure sufficient fresh air. If symptoms develop, obtain medical attention
- **After skin contact:** Wash affected skin with plenty of water. If symptoms occur obtain medical attention.
- **After eye contact:** Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. If symptoms persist obtain medical attention.
- **After swallowing:** 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.

Section 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

This product is not combustible.

Section 6: Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear suitable protective clothing. Wear eye / face protection.

6.2 Environmental precautions**6.3 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.

6.4 Reference to other sections

Not applicable

Section 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

Not applicable

Section 8: Exposure Controls / Personal Protection

8.1 Control parameters:

SUBSTANCE	Occupational Exposure Limits
Glass oxide; Glass	No Occupational Exposure Limit assigned. 15mg/m ³ total dust 5mg/m ³ respirable (Particulates Not Otherwise Regulated)

8.2 Exposure Controls:

8.2.1 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.

Section 9: Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Appearance	Glass powder
Color	White
Odor	Odorless
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
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

Section 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 products

None known

Section 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

Section 11: Toxicological Information (continued)**Sensitisation:**

Not sensitizing

Carcinogenicity:

There are no known reports of carcinogenicity of non-fibrous glass. Components are not listed IARC, NTP or OSHA as carcinogens.

Reproductive toxicity:

No evidence of reproductive effects

Section 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 bio concentrate up the food chain

12.3 Bio accumulative potential

No data available

12.4 Mobility in soil

No data available.

12.5 Results of PTB and vPvB assessment

Not classified as PBT or vPvB

12.6 Other adverse effects

No data available

Section 13: Disposal Considerations**13.1 Waste Treatment Methods:**

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

Section 14: Transport Information

- **Proper Shipping Name:** Not classified as dangerous for transport

Section 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 de minimus concentration.
- German Water Hazard Classification VwVwS: WGK class 1 (low hazard to water)
- HMIS:0,0,0

Section 16: Other information

Last Revision Date: 06/27/16

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 EC No. 1272/2008 Not classified as dangerous for supply/use.

The indications made in this product information are based on the present state of our know-how and experience. The product information describes the unused product in view of safety requirements. The indications do not constitute any guarantee with regard to product and do not create a contractual legal relationship.

All information given above refer to the unused product. As a result of mechanical application changes in the chemical and physical properties could not be excluded. The chemical and physical properties of the waste, strongly depend on the conditions of use. All indications made in this product information concerning composition, dangers, first aid, fire-fighting measures, accidental release measures, handling and storage, exposure control and personal protection, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal information, transport information and regulatory information are only valid for the unused product and not for abrasive waste.

It is the responsibility of the user to find out all the necessary information.