

# Safety Data Sheet (SDS)

## Vampire Abrasives: Glass Beads

### SECTION 1. IDENTIFICATION

Product Identifier: SDS No. 0010 rev1  
Name: Glass Beads  
Other Identification: Processed recycled cullet  
CAS No: 655997-17-3  
Index No: None  
EC No: 266-046-0  
REACH Registration No: None  
Formula: SiO<sub>2</sub> (primarily)  
Recommended Use: Sand blasting and filtration sand.  
Restrictions on Use: Use only as directed.  
Manufacturer / Supplier: Hillcrest Industries  
40 Favor Street,  
Attica, New York 14011

Emergency Phone No. CHEMTREC (Canada & USA), 1-800-424-9300, 24 hours  
CHEMTREC, (outside North America), 1-703-527-3887, 24 hours

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

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

Hazard category: None

Hazard statement: None

Directive 67/548/EEC or Directive 1999/45/EC

Hazard characteristics: None

R-Phrases: None

For full text of R-phrases, see section 16.

Label elements

Hazard pictograms: None

Signal word: None

Hazard statements: None

Precautionary statements: None

Other hazards: Dust may cause irritation. Spilled material is slippery

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Glass oxide, Glass	65997-17-3	~90-100	SiO <sub>2</sub>
Sodium monoxide	12401-86-4	~10-14	Na <sub>2</sub> O
Calcium oxide, reacted	1305-78-8	~9-12	CaO
Silica Amorphous	65997-17-3	>70	SiO <sub>2</sub>
Aluminum oxide	1344-28-1	~1-3	Al <sub>2</sub> O <sub>3</sub>
Iron Oxide	1309-37-1	<2	Fe <sub>2</sub> O <sub>3</sub>
Magnesium oxide	1309-48-4	<2	MgO
Potassium oxide	12136-45-7	<1	K <sub>2</sub> O
Silica, crystalline quartz	14808-60-7	<0.3	SiO <sub>2</sub>
Beryllium	7440-41-7	<0.00001	Be
Arsenic	7440-38-2	<0.00001	As
Cadmium	7440-43-9	<0.0001	Cd

### SECTION 4. FIRST-AID MEASURES

Description of first aid measures:

**Inhalation:** Move to fresh air. If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Center or doctor.

**Skin Contact:** Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

**Eye Contact:** Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

**Ingestion:** Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Call a Poison Centre or doctor if you feel unwell or are concerned.



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585-591-1182  
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### Most Important Symptoms and Effects, Acute and Delayed

**Acute:** Irritation and redness of eyes. Coughing and shortness of breath.

**Delayed:** Skin, eye, or respiratory tract irritation

**Target Organs:** Respiratory system.

**Identification of any immediate medical attention and special treatment:** Treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media:

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable Extinguishing Media

Not applicable.

### Specific Hazards Arising from the Chemical:

Does not burn.

This product presents no unusual hazards in a fire situation.

Not known to generate any hazardous decomposition products in a fire.

### Special Protective Equipment and Precautions for Fire-fighters:

No special precautions are necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures:

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up.

### Environmental Precautions:

Although this product is not classified as an environmentally hazardous material, large or frequent spills may cause potential problems.

### Methods and Materials for Containment and Cleaning Up:

Avoid generating dust. Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling:

Avoid generating dusts. Wear personal protective equipment to avoid direct contact with this material.

### Conditions for Safe Storage:

Store in an area that is dry.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Occupational exposure limits

Substance	CAS #	Exposure Limit	Note:
Glass, Nuisance Dust	65997-17-3	15 mg/m <sup>3</sup> LTEL	OSHA
		10 mg/m <sup>3</sup> TLV	ACGIH
		5 mg/m <sup>3</sup> (respirable) LTEL	OSHA
		3 mg/m <sup>3</sup> (respirable) TLV	ACGIH

### Biological limit values:

No data

### DNEL/PNEC-values:

No data

### Exposure controls

### Appropriate engineering controls:

Adequate dust ventilation required.

### Personal protective equipment



### Hand protection:

Gloves if desired

### Eye protection:

Goggles if desired.

### Body protection:

Clean clothing to cover skin.

### Respiratory protection:

Approved NIOSH dust mask if recommended exposure levels are exceeded.

### Environmental exposure controls:

None

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### Appearance:

Granular powder/ Crystalline

#### Color:

White

#### Odor:

Odorless

#### Odor threshold:

Not Applicable

#### pH:

Not Applicable

#### Melting point/range:

730 °C (1346 °F)

#### Boiling point/range:

Not Applicable

#### Flash point:

Incombustible

Evaporation rate:	Not Applicable
Flammability (solid, gas):	Not Available
Upper/lower flammability/explosive limits:	Not Available
Auto-ignition temperature:	Not Available
Decomposition temperature:	Not Available
Vapor pressure:	Not Applicable
Vapor density:	Not Applicable
Relative density:	2.46 – 2.49 g/cm <sup>3</sup>
Solubility:	Insoluble
Viscosity, dynamic (20 °C):	Not Available
Viscosity, kinematic:	Not Available
Explosive properties:	Not Available
Oxidizing properties:	Not Available
Partition coefficient: n-Octanol/Water:	Not Applicable
Physical hazards:	Not Available
Other information:	No additional information

## SECTION 10. STABILITY AND REACTIVITY

Reactivity:	Avoid contact with strong acids.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None under normal use conditions.
Conditions to avoid:	Dust generation without adequate ventilation.
Incompatible materials:	Soluble in hydrofluoric acid.
Hazardous decomposition products:	None

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Acute toxicity:	None
Skin corrosion/irritation:	May cause mechanical skin irritation. Not corrosive.
Serious eye damage/irritation:	May cause mechanical eye irritation.
Respiratory or skin sensitization:	Material is irritating to mucous membranes and upper respiratory tract. May cause lung injury. It is expected to be a low hazard for normal industrial handling.
Germ cell mutagenicity:	No data
Carcinogenicity:	Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Reproductive toxicity:	None
Specific target organ toxicity (single exposure):	None
Specific target organ toxicity (repeated exposure):	None
Aspiration hazard:	No data
Other information:	None

## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity

Acute toxicity:	None known
Persistence and degradability:	No data
Bioaccumulative potential:	The product has low potential for bioaccumulation
Mobility in soil:	No data
Results of PBT & PvB assessment:	No data
Other adverse effects:	No known significant effects or critical hazards

## SECTION 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Recommendations:	If product becomes contaminated, follow disposal instructions for contaminant. Dispose of in accordance to federal, state, and local regulations. Do not allow product to reach sewage system. Recycle packaging if possible.
Additional information:	None

## SECTION 14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway Transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI/IATA-DGR)
UN number	Not regulated	Not regulated	Not regulated	Not regulated
UN proper shipping name	None	None	None	None
Transport hazard class(es)	None	None	None	None
Hazard label(s)	None	None	None	None
Packing group	None	None	None	None
Environmental hazards	None	None	None	None

## SECTION 15. REGULATORY INFORMATION

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

### US Federal regulations

- TSCA Chemical Inventory Status: All components of this product are listed.
- CERCLA Reportable Quantity: None.
- SARA Title III:
  - Section 302 Extremely Hazardous Substances: None.
  - Section 304 Emergency Release Reporting: None.
  - Section 311/312 Hazardous Categories: None.
  - Section 313 Toxic Categories: None.
- Clean Air Act of 1990 – Title VI: This material does not contain, nor was it manufactured using ozone depleting chemicals.

### US State regulations

- Info California Proposition 65: Not listed.
- Massachusetts Right to Know List: Not listed.
- New Jersey Right to Know List: Not listed.
- Pennsylvania Right to Know List: Not listed.

### Canadian Regulations:

- WHMIS Classification: Exempt
- DSL (Domestic Substance List): All components of this product are listed on the DSL.

### EU Regulations (EINECS 231-545-4)

- Indication of Danger: Not dangerous.
- Risk Phrases: None
- Safety Phrases: None
- This product is considered non-dangerous in accordance with 1999/45/EC.

Chemical Safety Assessment: No

## SECTION 16. OTHER INFORMATION

Date of preparation: 7/09/2015

Prepared by: Derek Kirsch

Phone No: 585-591-1182

Revision version: 1

Relevant R-phrases (number and full text): None

NFPA hazard rating:

Health hazard: 1 – Exposure could cause irritation but only minor residual injury even if no treatment is given.

Fire hazard: 0 – Will not burn under typical fire conditions.

Reactivity: 0 – Normally stable, even under fire conditions, and is not reactive with water.

Disclaimer: To the best of our knowledge, the information contained in this SDS is accurate or believed to be accurate. However, Hillcrest Industries Inc. assumes no liability, expressed or implied, is assumed for the accuracy or completeness of the information contained herein.

