

Glass Beads

Material Safety Data Sheet

COMPANY: Graystar* LLC
ADDRESS: 9 Simmonsville Road
Bluffton, SC 29910
PHONE: 843-815-5600

● **Identification of Substance:**

Trade Name: Glass Beads

● **Chemical & Physical Properties**

Basic Material	SiO ₂ = 67%
Shape	Spherical
Color	White
Specify Gravity (g/cm ³)	2.4 ~ 2.6
Hardness (Mohs)	6
Roundness	85%
Instability	Stable
Incompatibility (Materials to avoid)	Hydrofluoric Acid

● **Chemical Composition(%)**

SiO ₂	Al ₂ O ₃	CaO	Na ₂ O	MgO
67%	0.8~2.0%	7.2~9.2%	13.2~15.0%	3.5~4.0%

● **Protection Information**

The glass beads will be broken down after using; the dusts may do harm to respiratory system. Eye contact with the dust may cause tearing or blurring of the vision.

Avoid breathing dust, use a cup mask to filtrate and reduce amount of dust breath in.

Adequate ventilation should be provided to keep dust concentration low.

The system should include an operative dust collector for dry blasting use.

Safety goggles and protective rubber gloves should be worn when handing this product.

Sandblasters should wear air-supplied respirators for sandblasting use.

In case of eye contact, immediate flushing with plenty of water for 15 minutes at least. Call a physician.

In case of skin contact through cuts or abrasion, immediate washing, disinfecting and covering.

Hazardous Polymerization None	Hazardous Decomposition Products None
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● **Fire and Explosion Hazard Data**

Flash Point Does Not burn	Extinguishing Media As appropriate for combustibles in area
Fire And Explosion Hazards None	

● **Health Hazard Information**

The product, as shipped, doesn't pose any inhalation health hazard. But when used, the particles are broken down to a size that can be inhaled. The dusts may do harm to the living respiratory system. Eye contact with the dust may cause irritation with discomfort, tearing or blurring of the vision.	
Safety Precautions Avoid breathing respirable dust. Use a cup mask to filtrate and reduce amount of dust breath in.	
First Aid	
In case of eye contact	Immediate treatment of flushing with of water for 15 minutes at least. Call a physician.
In case of skin contact	Immediate treatment with washing, disinfecting and covering.
Through cuts or abrasion	

● **Protection Information**

Generally Applicable Control Measures Adequate ventilation should be provided to keep respirable dust concentration low. The system should include an operative dust collector for dry blasting use.
Personal Protective Equipment Safety goggles and protective rubber gloves (side shields preferred) should be worn when handling this product. Sandblasters should wear air-supplied respirators approved for sandblasting use.

● **Disposal Information**

Spill or Leak Spillage may result in slippery conditions. Sweep up spillage.
Waste Disposal Glass beads are considered to be non-hazardous by the EPA under 29CFR 1910, 1200, and if Dispose as waste, the RCRA status of UNUSED material is non-hazardous according to the list of CERCLA chemicals. If permitted by the applicable Federal, State and Local regulation, it can be Disposed of in solid waste landfill.

- **Shipping Information**

Shipping Containers:

Plastic or paper bags

Precautions to be taken in Handling and Storing:

None

- **Disclaimer**

Although reasonable care has been taken in the preparation of the information contained herein, the originator and **Graystar*LLC** extends no warranties, makes no representation and assumes no responsibility as to the accuracy of suitability of such information for application to the purchaser's intended purposes or for consequences of its use.

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