



experience,
trust, service

800-BLAST-IT
www.marcousa.com

Dallas, TX • Davenport, IA • Harrisburg, PA • Houston, TX • New Orleans, LA • Savannah, GA

Autofax #00093709
page 1 of 2

Updated: 02/26/07

MSDS SHEET - GLASS BEAD

I. Product Identification

Product Name: Industrial Glass Beads
Chemical Family: Glass Oxide
CAS Number: 65997-17-3
Emergency and Information Phone Number: 800-252-7848
HMIS: Health: 0 **Flammability:** 0 **Reactivity:** 0

II. Hazardous Ingredients

Material of Components:	PEL	TLV
Nuisance Dust	15 mg/m ³	10 mg/m ³
Nuisance Dust-Respirator	5 mg/m ³	5 mg/m ³

Glass beads are not considered to be hazardous by the EPA under 29 CFR 1910.1200 and the Federal Register, Vol. 51, No. 221, pp. 41582-41594. The RCRA status of unused material is not hazardous according to the list of CERCLA chemicals. It is not on the toxic chemical list in the Committee Print Number 99-169.

III. Physical Data

Vapor Pressure: N/A	Boiling Point: Not measurable
Vapor Density: N/A	Solubility in Water: N/A
Melting Point: > 1100 F	Appearance and Odor: White, no taste or odor
Specific Gravity: 2.4 - 2.6	Evaporation Rate: N/A

IV. Fire & Explosion Hazard Data

Flash Point: N/A	Flammable Limits: Does not ignite
Extinguishing Media: Not a fire hazard	Unusual Fire & Explosion Hazards: None
LEL & UEL: N/A	Special Fire Fighting Procedures: None

V. Health Hazard Data

Health Hazards: None	Carcinogenic: No
Routes of Entry: Inhalation, Ingestion	
Work/Hygienic Practices: Wash hands after handling beads and before eating.	
Effects of Overexposure: May cause temporary respiratory and eye irritation.	
Emergency & First Aid Procedures: If beads or dust cause eye irritation, flush the affected eye(s) with water or commercial eye wash. If existing respiratory conditions are aggravated in your use of this product, get to a well-ventilated area. Seek medical attention if condition is not alleviated.	

VI. Reactivity Data

Stability: Stable	Conditions to Avoid: None
Incompatibility (Materials to Avoid): None	Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur	

VII. Spill or Leak Procedures

Steps in Case of Spilled or Released Material: Vacuum or sweep up excess material to avoid a possible slipping hazard.

Waste Disposal Method: Glass beads may be disposed of in a solid waste landfill if permitted by applicable Federal, State and Local Regulations.

MSDS SHEET - GLASS BEAD

VIII. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator or dust mask.

Ventilation: Mechanical and local exhaust recommended when generating excessive levels of airborne dust.

Protective Gloves: As required per job.

Eye Protection: Safety glasses or goggles.

Other Protective Equipment: None

IX. Special Precautions

Precautions in Handling and Storage: None

Other Precautions: None

X. Silicosis Warning

⚠ DANGER Breathing dust containing silica will cause silicosis, a fatal lung disease. Breathing dust during blasting operations will cause asbestosis, lead poisoning and/or other serious or fatal diseases. A NIOSH-approved, well-maintained, supplied-air abrasive blasting respirator must be used by anyone blasting, anyone handling or using the abrasive and anyone in the area of the dust. Harmful dust containing toxic material from abrasives or surfaces being blasted can remain suspended in the air for long periods of time after blasting has ceased. Failure to avoid the above danger will result in death or serious injury.

⚠ DANGER You must comply with all OSHA, local, City, State, Province, Country and jurisdiction regulations, ordinances and standards, related to your particular work area and environment. Keep unprotected individuals out of the work area. Failure to avoid the above danger will result in death or serious injury.

DISCLAIMER: The information in this MSDS was obtained from sources, which we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding accuracy. These conditions or methods of handling, storage use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Customers/users of silica must comply with all applicable health and safety laws, regulations and orders, including the OSHA Hazardous Communication Standard.



For more information call:

800-BLAST-IT

Phone: 800-252-7848

Fax: 563-324-6258

e-mail: sales@marcousa.com

www.marcousa.com

