

SAFETY DATA SHEET

Glass Beads (3mm)

Date of Preparation: 06/12/2014

SDS #: 004-61065-00MSDS

SECTION 1: IDENTIFICATION

Product Identification: Glass Beads (3mm)

CAS Number: 65997-17-3

Volumes: 90 g

Recommended Use: Laboratory purposes, manufacture of chemicals

Restrictions: For laboratory use only.

Supplier Information:

Micromeritics Instrument Corp.

4356 Communications Drive

Norcross, GA 30093-2901 USA

Contact: Human Resources

Phone: (770) 662-3620

Fax: (770) 662-3696

Manufacturer: Cataphote, Inc. PO Box 2369, Jackson, MS 39225-2369 (601) 839-4612 (800) 221-2574

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: Not Applicable

Signal word: Not Applicable

Hazard Statements:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation

Pictograms: Not applicable

Precautionary Statements:

P261: Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/ eye protection/ face protection.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% wt
Glas-shot, Microbeads, Macrobeads, Microperl, Glass Beads, Pavement beads, mil spec beads, and crushed glass (cullet)	65997-17-3	100

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Nuisance dust	15 mg/m ³ Total	none estab.	10 mg/m ³	none estab.	none estab.	none estab.	none estab.
Nuisance dust-respirable	5 mg/m ³	none estab.	10 mg/m ³	none estab.	none estab.	none estab.	none estab.

SECTION 4: FIRST-AID MEASURES

General advice:

Consult a physician. Show this safety data sheet to the doctor in attendance.

Move out of dangerous area.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

Flammability Classification: 0

Extinguishing media: not a fire hazard

Suitable extinguishing media: Use water spray, alcohol, resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: silicon oxides

Advice for firefighters: Wear self-contained breathing apparatus for fire-fighting if necessary.

Further information: no data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Normal measures for preventive fire protection: For precautions see section 2.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Ventilation: Local exhaust - as required for nuisance dust.

Mechanical - As required for nuisance dust.

Respiratory Protection: Use NIOSH approved dust respirator.

Eye Protection: Use Safety glasses/goggles for dust.

Protective Clothing/Equipment: Gloves as required per job.

Other protective clothing or equipment: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: Not applicable

Flash Point Method: Not applicable

Burning Rate: Not applicable

Autoignition Temperature: Not applicable

LEL: Not applicable

UEL: Not applicable

Physical State: beads

Appearance and Odor: White, tasteless, odorless

Odor Threshold: Not applicable

Vapor Pressure: Not applicable

Vapor Density (Air=1): Not applicable

Formula Weight: Not applicable

Water Solubility: Not applicable

Boiling Point: not measurable

Melting Point: >1100°F

Viscosity: Not applicable

Refractive Index: Not applicable

Surface Tension: Not applicable

Density: Not applicable

% Volatile: Not applicable

Specific Gravity (H₂O=1, at 4 °C): -2.4 - 2.6 g/cm³

Evaporation Rate: Not applicable

pH: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: no data available

Conditions to avoid: no data available

Incompatible materials: Strong oxidizing agents, Hydrogen fluoride

Hazardous decomposition products: Other decomposition products- no data available

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not Available

Environmental Fate: Not Available

Environmental Degradation: Not Available

Soil Absorption/Mobility: Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods:

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contact a licensed professional waste disposal service to dispose of this material.

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not regulated

WWW.MICROMERITICS.COM | 4356 COMMUNICATIONS DRIVE, NORCROSS, GA 30093 | 770-662-3636



Shipping Symbols: Not Applicable

Hazard Class: Not regulated

ID No.: Not regulated

Packing Group: Not Applicable

Label: Not Applicable

Special Provisions (172.102):

Not Applicable

Packaging Authorizations

a) **Exceptions:** Not Applicable

b) **Non-bulk Packaging:** Not Applicable

c) **Bulk Packaging:** Not Applicable

Quantity Limitations

a) **Passenger, Aircraft, or Railcar:** Not Applicable

b) **Cargo Aircraft Only:** Not Applicable

Vessel Stowage Requirements

a) **Vessel Stowage:** Not Applicable

b) **Other:** Not Applicable

Canadian TDG Hazard Class & PIN – Not regulated

SECTION 15: REGULATORY INFORMATION

EPA Regulations: Not applicable

OSHA Regulations: To the best of our knowledge, this material is non-hazardous as per OSHA 29 CFR 1910.1200

State Regulations: Not applicable

SECTION 16: OTHER INFORMATION

Prepared By: Zuniga, A.

Revision Notes: Not Applicable

Additional Hazard Rating Systems: Not Applicable

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