

MATERIAL SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET - May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
Standard must be consulted for specific requirements.

Date : 06/28/2001

Ballotini Impact Beads Glass Beads

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ballotini Impact Beads, Soda Lime Glass

CHEMICAL NAME: Glass, Glass Oxide

COMPANY IDENTIFICATION

Potters Industries, Inc.
P.O. Box 840
Valley Forge, PA 19482-0840

EMERGENCY / TECHNICAL NUMBERS

(610) 651-4700
(201) 507-4204 (info)

CHEMTREC:
(800) 424-9300

PRODUCT INFORMATION: MSDS Requests and Product Information: (201) 507-4204

SPECIAL NOTES:

2. COMPOSITION / INFORMATION INGREDIENTS

<u>COMPONENTS</u>	<u>CAS No.</u>	<u>OSHA Exposure Limits (PEL)</u>	<u>ACGIH Recommended Limits (TLV)</u>	<u>Percent by Weight</u>
Glass Oxide	65997-17-3			100
Nuisance Dust (particles not otherwise classified)		15 mg/m ³	10 mg/m ³	
Nuisance Dust (respirable fraction)		5 mg/m ³	5 mg/m ³	

COMPOSITION COMMENTS:

Contains no free silica. All components are amorphous/noncrystalline. Amount of dust depends on particle size.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE: Irritation may result if recommended exposure limits are exceeded.

SKIN: Not absorbed through the skin.

INGESTION: No known adverse effects, but ingestion is not recommended.

INHALATION: Irritation may result if recommended exposure limits are exceeded.

CHRONIC EFFECTS: Chronic lung conditions may be aggravated by exposure to high concentrations of dust.

4. FIRST AID MEASURES

EYE: Flush with large amounts of water. Get medical attention if needed.

SKIN: Wash with water. Obtain first aid or medical assistance if needed.

INGESTION: If swallowed, seek medical attention.

INHALATION: Remove to fresh air, apply artificial respiration as needed. Get medical attention if needed.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Nonflammable

FLASH POINT: None

METHOD USED: N/A

LEL: None

UEL: None

EXTINGUISHING MEDIA: Nonflammable

FIRE FIGHTING INSTRUCTIONS: None

SPECIAL FIRE FIGHTING PROCEDURES: None

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear protective equipment. See Section 8.

CLEANUP MEASURES: Sweep up and discard. Avoid excessive dusting. May be disposed of in approved landfill in accordance with Federal, State and Local regulations.

OTHER PRECAUTIONS: This material is not a SARA Title III reportable substance.

7. HANDLING AND STORAGE

NORMAL STORAGE: General dry storage, ambient air temperature and pressure.

HANDLING: Use standard good manufacturing practices when handling material. Spillage may result in slippery conditions. When transferring material, care should be taken to avoid dusting.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient local exhaust ventilation to maintain exposures below PELs or TLVs.

RESPIRATORY PROTECTION: (Specify Type) NIOSH approved dust mask, if recommended exposure limits are exceeded.

EYE AND FACE PROTECTION: Use NIOSH approved safety glasses with side shields. If there is potential for exposure to particles which could cause mechanical injury to the eye, wear NIOSH approved goggles.

SKIN AND HAND PROTECTION: Gloves as desired by user.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION: White Powder

ODOR: Odorless

VAPOR PRESSURE: N/A

BOILING POINT: N/A

SOLUBILITY: Insoluble in water.

EVAPORATION RATE (Butyl Acetate = 1): N/A

pH: N/A

FLASH POINT: None

VAPOR DENSITY (AIR = 1): N/A

SOFTENING POINT: 730°C

SPECIFIC GRAVITY: 2.46 - 2.49 g/cc

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Material is stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Hydrofluoric Acid.

HAZARDOUS POLYMERIZATION: Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

NTP: Not listed.

IARC MONOGRAPHS: Not listed.

OSHA REGULATIONS: Not listed.

12. ECOLOGICAL INFORMATION

Not Available.

13. DISPOSAL CONSIDERATIONS

May be disposed of in an approved landfill in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Not Available.

15. REGULATORY INFORMATION

This material is not a SARA Title III reportable substance.

Originally prepared by: R. A. Schleifstein, Director of Product Applications, Potters Industries, Inc., Feb. 16, 1995.

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