

SECTION 1IDENTIFICATION OF PRODUCT

MANUFACTURER: Potters Industries Inc.

ADDRESS: Southpoint, P. O. Box 840, Valley Forge, PA 19482-0840

24-HOUR EMERGENCY TEL. NO.: 610-651-4700

SALES NAME: Ballotini Impact Beads

CHEMICAL NAME: Glass Oxide

COMPONENTS: Soda-Lime Glass

TSCA CAS REGISTRY NO(S): 65997-17-3

DOT HAZARD CLASS: N.A.

DOT SHIPPING NAME: N.A.

SECTION 2CHEMICAL AND PHYSICAL DATA

APPEARANCE & ODOR: Odorless white powder.

SPECIFIC GRAVITY: 2.46 - 2.49 g/cc

SOLUBILITY IN WATER: Insoluble

pH (aqueous liquids only): N.A.

OTHER CHARACTERISTICS: Softening point 730°C

SECTION 3FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F): Non-combustible and nonflammable.

FLAMMABLE LIMITS (vapor in air, vol. %): N.A.

FIRE EXTINGUISHING MEDIA: N.A.

SPECIAL FIRE FIGHTING PROCEDURES: N.A.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 4REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (materials to avoid): Hydrofluoric Acid.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 5SPILL OR LEAK PROCEDURES

ENVIRONMENTAL HAZARDS: No adverse effects known or suspected. Not an RCRA hazardous substance or OSHA hazardous chemical. Does not contain a listed toxic chemical under SARA Title 111 §302, §304 or §313.

SPILLAGE: Sweep up and discard.

WASTE DISPOSAL METHOD: Landfill according to local, state and federal regulations.

OTHER PRECAUTIONS: Spillage may result in slippery conditions. When transporting material, care should be taken to avoid dusting.

SECTION 6HEALTH HAZARD DATA

HEALTH HAZARDS: Dust in excess of recommended exposure limits may result in irritation to the respiratory tract.

ROUTE(S) OF ENTRY: Inhalation

CARCINOGENICITY: Not listed under NTP, IARC Monographs, or OSHA.

MEDICAL CONDITIONS: Chronic lung conditions may be aggravated by exposure to high concentrations of dust.

EMERGENCY AND FIRST AID PROCEDURES: Remove to fresh air.

OTHER CHARACTERISTICS: Contains no free silica; all components amorphous/noncrystalline.

SECTION 7SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH approved dust mask or respirator where airborne dust is generated. Observe OSHA regulations for respirator use (29 CFR 1910.134)

GLOVES: None required.

EYE PROTECTION: NIOSH approved safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: None required.

PERSONAL HYGIENE: Avoid breathing dust. Avoid contact with eyes. Wash eyes out immediately after contact.

ENGINEERING CONTROL: Local exhaust is recommended for operations that generate nuisance dust in excess of OSHA exposure limits.

SECTION 8SUBSTANCES FOR WHICH STANDARDS HAVE BEEN SET

COMPONENTS: Glass Oxide, C.A.S. No. 65997-17-3

PERCENTAGE: 100%

OSHA EXPOSURE LIMIT: Nuisance Dust: OSHA PEL 15 mg/m³, ACGIH TLV 10 mg/m³. Respirable Fraction: OSHA PEL 5 mg/m³, ACGIH TLV 5 mg/m³.

EXPOSURE ANALYSIS METHOD: NIOSH Manual of Analytical Methods, 3rd., Method 7501 (1984).

SECTION 9.SOURCE OF INFORMATION

Walter E. Kozlowski

DATE: 3/1/01

N.A. = Not applicable