



Potters Industries Inc.
an affiliate of The PQ Corporation

Wong / KOC REC'D MAR 03 2005

MATERIAL SAFETY DATA SHEET

BALLOTINI IMPACT BEADS

HMIS RATING: 0,0,0

SECTION 1	IDENTIFICATION OF PRODUCT
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MANUFACTURER
ADDRESS
24-HOUR EMERGENCY TEL. NO.
SALES NAME
CHEMICAL NAME
COMPONENTS
TSCA CAS REGISTRY NO(S)
DOT HAZARD CLASS
DOT SHIPPING NAME

Potters Industries Inc.
Southpoint, P. O. Box 840, Valley Forge, PA 19482-0840
610-651-4700
Ballotini Impact Beads
Glass Oxide
Soda-Lime Glass
65997-17-3
N.A.
N.A.

SECTION 2	CHEMICAL AND PHYSICAL DATA
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APPEARANCE & ODOR
SPECIFIC GRAVITY
SOLUBILITY IN WATER
pH (aqueous liquids only)
OTHER CHARACTERISTICS

Odorless white powder.
2.46 - 2.49 g/cc
Insoluble
N.A.
Softening point 730°C

SECTION 3	FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT (°F)
FLAMMABLE LIMITS (vapor in air, vol. %)
FIRE EXTINGUISHING MEDIA
SPECIAL FIRE FIGHTING PROCEDURES
UNUSUAL FIRE AND EXPLOSION HAZARDS

Non-combustible and nonflammable.
N.A.
N.A.
N.A.
None

SECTION 4	REACTIVITY DATA
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STABILITY
CONDITIONS TO AVOID
INCOMPATIBILITY (materials to avoid)
HAZARDOUS DECOMPOSITION PRODUCTS
HAZARDOUS POLYMERIZATION

Stable
None
Hydrofluoric Acid.
None
Will not occur.

SECTION 5	SPILL OR LEAK PROCEDURES
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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
WASTE DISPOSAL METHOD
OTHER PRECAUTIONS

Sweep up and discard.
Landfill according to local, state and federal regulations.
Spillage may result in slippery conditions. When transporting material, care should be taken to avoid dusting.



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SECTION 6	HEALTH 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/non-crystalline.

SECTION 7	SPECIAL 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 8	SUBSTANCES 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/m ³ , ACGIH TLV 10 mg/m ³ . Respirable Fraction: OSHA PEL 5 mg/m ³ , ACGIH TLV 5 mg/m ³ .
EXPOSURE ANALYSIS METHOD (1984).	NIOSH Manual of Analytical Methods, 3rd., Method 7501

SECTION 9	SOURCE OF INFORMATION
Walter E. Kozlowski	DATE: 2/1/98

N.A. = Not applicable