



**MATERIAL SAFETY DATA SHEET**

**IMPACT BEADS - PLAIN BAG**

HMIS RATING: 0,0,0

<b>SECTION 1</b>	<b>IDENTIFICATION OF PRODUCT</b>
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<b>MANUFACTURER</b>	Potters Industries Inc.
<b>ADDRESS</b>	Southpoint, P. O. Box 840, Valley Forge, PA 19482-0840
<b>24-HOUR EMERGENCY TEL. NO.</b>	610-651-4700
<b>SALES NAME</b>	Impact Beads - Plain Bag
<b>CHEMICAL NAME</b>	Glass Oxide
<b>COMPONENTS</b>	Soda Lime Glass
<b>TSCA CAS REGISTRY NO(S)</b>	65997-17-3
<b>DOT HAZARD CLASS</b>	N.A.
<b>DOT SHIPPING NAME</b>	N.A.

<b>SECTION 2</b>	<b>CHEMICAL AND PHYSICAL DATA</b>
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<b>APPEARANCE &amp; ODOR</b>	Odorless white powder.
<b>SPECIFIC GRAVITY</b>	2.46-2.49 g/cc
<b>SOLUBILITY IN WATER</b>	Insoluble
<b>pH (aqueous liquids only)</b>	N.A.
<b>OTHER CHARACTERISTICS</b>	Softening point 730°C

<b>SECTION 3</b>	<b>FIRE AND EXPLOSION HAZARD DATA</b>
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<b>FLASH POINT (°F)</b>	Non-combustible and non-flammable.
<b>FLAMMABLE LIMITS (vapor in air, vol. %)</b>	N.A.
<b>FIRE EXTINGUISHING MEDIA</b>	N.A.
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	N.A.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	None

<b>SECTION 4</b>	<b>REACTIVITY DATA</b>
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<b>STABILITY</b>	Stable
<b>CONDITIONS TO AVOID</b>	None
<b>INCOMPATIBILITY (materials to avoid)</b>	Hydrofluoric Acid.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None
<b>HAZARDOUS POLYMERIZATION</b>	Will not occur.

<b>SECTION 5</b>	<b>SPILL OR LEAK PROCEDURES</b>
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<b>ENVIRONMENTAL HAZARDS</b>	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.
<b>SPILLAGE</b>	Sweep up and discard.
<b>WASTE DISPOSAL METHOD</b>	Landfill according to local, state and federal regulations.
<b>OTHER PRECAUTIONS</b>	Spillage may result in slippery conditions. When transporting material, care should be taken to avoid dusting.



**Potters Industries Inc.**  
an affiliate of The PQ Corporation

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SECTION 6	HEALTH HAZARD DATA
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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
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GLOVES	RESPIRATORY PROTECTION Use NIOSH approved dust mask or respirator where airborne dust is generated. Observe OSHA regulations for respirator use (29 CFR 1910.134)
EYE PROTECTION	None required.
OTHER PROTECTIVE EQUIPMENT	NIOSH approved safety glasses or goggles.
PERSONAL HYGIENE	None required.
ENGINEERING CONTROL	Avoid breathing dust. Avoid contact with eyes. Wash eyes out immediately after contact. 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
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COMPONENTS	Glass Oxide, C.A.S. No. 65997-17-3
PERCENTAGE	100%
OSHA EXPOSURE LIMIT	Nuisance Dust: OSHA PEL 15 mg/m <sup>3</sup> , ACGIH TLV 10 mg/m <sup>3</sup> . Respirable Fraction: OSHA PEL 5 mg/m <sup>3</sup> , ACGIH TLV 5 mg/m <sup>3</sup> .
EXPOSURE ANALYSIS METHOD	NIOSH Manual of Analytical Methods, 3rd., Method 7501 (1984).

SECTION 9	SOURCE OF INFORMATION
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Walter E. Kozlowski

DATE: 2/1/98

N.A. = Not applicable