

MATERIAL SAFETY DATA SHEET

Global Mfg. Corp.
1829 S. 68th St.
West Allis, WI 53214

GMC# 42045
Glass Beads

GLASS SERIES - A SERIES, P SERIES

SECTION 6	HEALTH HAZARD DATA
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<p>HEALTH HAZARDS</p> <p>ROUTE(S) OF ENTRY</p> <p>CARCINOGENICITY</p> <p>MEDICAL CONDITIONS</p> <p>EMERGENCY AND FIRST AID PROCEDURES</p> <p>OTHER CHARACTERISTICS</p>	<p>Dust in excess of recommended exposure limits may result in irritation to the respiratory tract.</p> <p>Inhalation</p> <p>Not listed under NTP, IARC Monographs, or OSHA.</p> <p>Chronic lung conditions may be aggravated by exposure to high concentrations of dust.</p> <p>Remove to fresh air</p> <p>Contains no free silica; all components amorphous/non-crystalline.</p>
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SECTION 7	SPECIAL PROTECTION INFORMATION
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<p>RESPIRATORY PROTECTION</p> <p>GLOVES</p> <p>EYE PROTECTION</p> <p>OTHER PROTECTIVE EQUIPMENT</p> <p>PERSONAL HYGIENE</p> <p>out</p> <p>ENGINEERING CONTROL</p>	<p>Use NIOSH approved dust mask or respirator where airborne dust is generated. Observe OSHA regulations for respirator use (29 CFR 1910.134)</p> <p>None required.</p> <p>NIOSH approved safety glasses or goggles.</p> <p>None required.</p> <p>Avoid breathing dust. Avoid contact with eyes. Wash eyes immediately after contact.</p> <p>Local exhaust is recommended for operations that generate nuisance dust in excess of OSHA exposure limits.</p>
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SECTION 8	SUBSTANCES FOR WHICH STANDARDS HAVE BEEN SET
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<p>COMPONENTS</p> <p>PERCENTAGE</p> <p>OSHA EXPOSURE LIMIT</p> <p>EXPOSURE ANALYSIS METHOD</p>	<p>Glass Oxide, C.A.S. 65997-17-3</p> <p>100%</p> <p>Nuisance Dust: OSHA PEL 15 mg/m³, ACGIH TLV 10 mg/m³. Respirable Fraction: OSHA PEL 5 mg/m³, ACGIH TLV 5 mg/m³.</p> <p>NIOSH Manual of Analytical Methods, 3rd., Method 7501 (1984).</p>
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SECTION 9	SOURCE OF INFORMATION
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Walter E. Kozlowski

DATE: 2/1/98

N.A. = Not applicable

MATERIAL SAFETY DATA SHEET

GLASS SPHERES - A SERIES, P SERIES

HMIS RATING: 0,0,0

SECTION 1	IDENTIFICATION OF PRODUCT
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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	Glass Spheres - A Series, P Series
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 2	CHEMICAL AND PHYSICAL DATA
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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 3	FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT (°F)	Non-combustible and non-flammable.
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 4	REACTIVITY DATA
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STABILITY	Stable
CONDITIONS TO AVOID	None
INCOMPATIBILITY (materials to avoid)	Hydrofluoric Acid
HAZARDOUS DECOMPOSITION PRODUCTS	None
HAZARDOUS POLYMERIZATION	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	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.