

MATERIAL SAFETY DATA SHEET

BAGLASS BEAD

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SECTION 1 CHEMICAL AND PHYSICAL DATA

APPEARANCE&ODOR	Odorless transparent beads
SPECIFIC GRAVITY	1.55.-1.65 g/cc
SOLUBILITY IN WATER	Insoluble
PH (AQUEOUS LIQUIDS ONLY)	N.A.
OTHER CHARACTERISTICS	Softening point 730°C

SECTION 2 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	Noncombustible 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 3 REACTIVITY DATA

STABILITY	Stable
CONDITIONS TO AVOID	None
INCOMPATIBILITY(materials to avoid)	Hydroflouric Acid
HAZARDOUS DECOMPOSITION PRODUCTS	None
HAZARDOUS POLYMERIZATION	Will not occur

SECTION 4 SPILL 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 and national Regulations.
OTHER PRECAUTIONS	Spillage may result in slippery conditions. When transporting material, care should be taken to avoid dust

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SECTION 5	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 6	SPECIAL PROTECTION INFORMATION
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RESPIRATORY PROTECTION	Use NIOSH approved dust mask or respirator where airborne dust is generated. Observe OSHA regulations for respirator use
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.
ENGINEERING CONTROL	Local exhaust is recommended for operations that generate nuisance dust in excess of OSHA exposure limits

SECTION 7	SUBSTANCES FOR WHICH STANDARDS HAVE BEEN SET
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COMPONENTS	Glass Bead
PERCENTAGE	>99 %,
OSHA EXPOSURE LIMIT	Nuisance Dust: OSHA PEL 15 mg/m <sup>3</sup> , ACGIH TLV 10mg/m <sup>3</sup> .Respirable Fraction OSHA PEL 5mg/m <sup>3</sup> ,ACGIH TLV 5 mg/m <sup>3</sup>
EXPOSURE ANALYSIS METHOD	NIOSH Manual of Analytical methods, 3 <sup>rd</sup> ., Method 7501(1984)

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N.A.=NOT APPLICABLE