

MATERIAL SAFETY DATA SHEET

CRUSHED GLASS

HMTS RATING: 0,0,0

| | |
|------------------|----------------------------------|
| SECTION 1 | IDENTIFICATION 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 | Crushed Glass |
| 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 |
|------------------|-----------------------------------|

| | |
|----------------------------------|------------------------|
| 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 |
|------------------|---------------------------------------|

| | |
|--|------------------------------------|
| 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 |
|------------------|------------------------|

| | |
|---|--------------------|
| 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 |
|------------------|---------------------------------|

| | |
|------------------------------|--|
| 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. |

MATERIAL SAFETY DATA SHEET

CRUSHED GLASS

| | |
|------------------|---------------------------|
| 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 & 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 | NIOSH Manual of Analytical Methods, 3rd., Method 7501 (1984). |

| | |
|------------------|------------------------------|
| SECTION 9 | SOURCE OF INFORMATION |
|------------------|------------------------------|

Walter E. Kozlowski

DATE: 1/13/05

N.A. = Not applicable