

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

American Materials Company, LLC.
PO Box 88
Clinton, NC 28328

Section 1

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| Product Identifier: Sand, Gravel, Natural Sand, River Sand Screenings, Aggregates | |
| Supplier: American Materials Company, LLC. P. O. Box 88 Clinton N.C. 28328 | Telephone Number: 910-592-2176 Emergency Number: 910-592-2176 Date Prepared: November 2000 |

Section II - Hazardous Ingredients/Identity Information

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| Chemical Components: Silica, Crystalline Quartz | |
| Specific Chemical Identity: Silicon Dioxide, SiO ₂ | CAS NUMBER: 14808-60-7 |
| Composition: SiO ₂ - 95% Minimum | NIOSH NUMBER: VV7330000 |
| DOT proper shipping name: Unregulated | DOT Hazard Class: Unregulated |

Section III - Physical/Chemical Characteristics

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| Appearance and Odor: Oderless & Solid, Round, Smooth or Angular, Light Grey/Brown | |
| Solubility in Water: Insoluble | Melting Point: 3100 F |
| Vapor Pressure (MM Hg/70 F): 760 | Specific Gravity: 2.635 - 2.66 |
| Evaporation Rate: N/A | Boiling Point: 4046 F |

Section IV - Fire and Explosion Hazard Data

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| Flash Point: Non-Combustible |
| Special Fire Fighting Procedures: Avoid breathing vapors and dust. |
| Unusual Fire and Explosion Hazards: Contact with agents such as molten magnesium, fluorine, chlorine trifluoride, manganese trioxide, oxygen difluoride, or hydrofluoric acid may cause fires or corrosive gases. |

Section V - Reactivity Data

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| Stability: Stable | Conditions to Avoid (Stability): None |
| Materials To Avoid: Oxidizing Agents. Silica is attacked by Hydrofluoric Acid. | |
| Hazardous Decomposition or Byproducts: None | Hazardous Polymerization: None |

Section VI - Health Hazard Data

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| Route of Entry: Inhalation? Yes | Skin? No | Ingestion? No |
| Acute and Chronic Health Hazards: Prolonged exposure to crystalline silica by inhalation may cause silicosis, a fibrosis (scarring) of the lungs which can be progressive and may lead to death. | | |
| Signs and Symptoms of Exposure: Contact with eyes may cause irritation, redness and pain. Breathing dust may cause cough, shortness of breath, congestion, chest pain/illnesses. | | |
| Aggravation of Pre-existing Conditions: Inhalation may increase the progression of tuberculosis; susceptibility is apparently not increased. Persons with impaired respiratory function may be more susceptible to the effects of this substance. Smoking can increase the risk of lung injury. | | |
| Emergency and First Aid Measures: | | |
| Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention. | | |
| Ingestion: If large amounts were swallowed, give water to drink and get medical advice. | | |
| Skin Contact: Wash exposed area with soap and water. Get medical advice if irritation develops. | | |
| Eye Contact: Wash thoroughly with running water. Get medical advice if irritation develops. | | |

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Clean up by recommended dustless methods if not contaminated. Use water sprays and shovels to clean up spills. Do not dry sweep this product with brooms. Do not use compressed air to clean up product. If contaminated use recommended method for contaminate.

Waste Disposal Methods: Dispose in accordance with federal, state and local regulations.

Precautions to be Taken in Handling and Storing: Avoid creating and breathing dust. Warn and train your employees and customers of the hazards of this product. Do not smoke if working with silica products.

Section VIII - Control Measures

Respiratory Protection: NIOSH / MSHA approved cartridge respirator for dust.

Ventilation: Local Exhaust / Maintain exposure below TLV.

Mechanical: Enclosed cabs where possible.

Protective Gloves: Leather gloves to minimize abrasion.

Eye Protection: ANSI-approved eye protection.

Other Protective Clothing or Equipment: Normal work clothing covering arms and legs.

Work/Hygenic Practices: Minimize dust exposure. Use wet methods to reduce dust.

Practices Good Housekeeping.

Disclaimer:

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