

Material Safety Data Sheet

SECTION I- Production Identification

- **Suppliers Name: Marketech International, Inc.**
192 N. Otto Street
Port Townsend, WA. 98368
- **Telephone: (360) 379-6707**
- **Chemical Name: Silica Aerogel (amorphous silica; silicon dioxide.**
- **Formula: SiO₂.**
- **Molecular Weight: 60.08 g/mole**

SECTION II- Physical Data

- **Color and Form: Transparent to white.**
- **Solubility in water: Insoluble.**
- **Melting Point: (°C): >1600 °C.**
- **Vapor Pressure (mm Hg): N/A (20 °C).**
- **Boiling Point (°C): 2230 °C.**
- **Specific Gravity (H₂O=1): 0.05-0.30.**

SECTION III- Fire and Explosion Hazard Data

- **Flash Point: Noncombustible.**
- **Extinguishing Media: Any suitable for other materials involved.**
- **Special Fire Fighting Procedures: Wear self-contained breathing apparatus.**
- **Unusual Fire and Explosion Hazards: None Indicated.**

SECTION IV-Health Hazard Data

- **Toxicology: None established.**
- **Effects of Overexposure: Dust may be irritating. May be harmful if inhaled. Prolonged or repeated inhalation may cause damage to respiratory system.**
- **Emergency and First Aid Procedures: Get medical assistance for all cases of overexposure.**
- **Skin: Wash thoroughly with soap and water.**
- **Eyes: Flush with water for at least 15 minutes.**
- **Inhalation: Get medical assistance; if conscious, give water freely.**

SECTION V- Reactivity Data

- **Stability: Stable.**
- **Hazardous Polymerization: Does not occur.**
- **Hazardous Decomposition Products: None Known.**

SECTION VI- Spill or Leak

- **Steps to be taken in case material is released or spilled: Avoid inhalation of dust. Wet spill area with water and sweep up damp residue.**
- **Waste Disposal Method: Consult local, state and federal regulations.**

SECTION VII- Special Protection Information

- **Protective Equipment: Material should be handled or transferred in an approved fume hood or with adequate ventilation. Protective gloves should be worn to prevent skin contact. Safety glasses with side shield should be worn at all times.**

SECTION VIII- Special Precautions

- **Precautions to be taken handling and storing: Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area from incompatible materials. Do not breathe dust. Do not get in eyes. Avoid prolonged or repeated skin contact.**

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