

SAFETY DATA SHEET

Date of Preparation: 7/11/19

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Section 8 continued

*: TWA Total Dust (30)/(%SiO₂ + 2) mg/m³ TWA Respiratory Fraction (10)/(%SiO₂ + 2) mg/m³ N/E: Not Established

ENGINEERING CONTROLS: Use equipment to keep dust levels below established exposure limits.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| BOILING POINT: Not Applicable | VAPOR DENSITY: Not Applicable | % VOLATILE BY VOLUME: Not Applicable |
| EVAPORATION RATE: Not Applicable | pH LEVEL: 10-12 (Hydrated) | % VOLATILE BY WEIGHT: Not Applicable |
| WEIGHT PER GALLON: Not Applicable | PRODUCT APPEARANCE: Gray Powder | VOC CONTENT: 0 g/L |
| ODOR: No Odor | ODOR THRESHOLD: N/D | MELTING/FREEZING POINT: N/D |
| FLASH POINT: See Section 5 | FLAMMABILITY: N/D | UEL/LEL: N/D |
| VAPOR PRESSURE: N/D | RELATIVE DENSITY: N/D | SOLUBILITY: N/D |
| PARTITION COEFFICIENT: N/D | AUTOIGNITION TEMPERATURE: N/D | DECOMPOSITION TEMPERATURE: N/D |
| VISCOSITY: N/D | | N/D: Not Determined |

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.
CONDITIONS AND MATERIALS TO AVOID: When hydrated -- acids, ammonium salts, aluminum metal.
HAZARDOUS DECOMPOSITION PRODUCTS: None recognized.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact may result in severe irritation and possible chemical burns.
SKIN CONTACT: May cause moderate skin irritation. Prolonged contact may result in chemical burns. Prolonged/repeated contact may cause sensitization reactions in susceptible individuals.
INHALATION: Exposure may cause moderate irritation of the nose, throat, respiratory tract, and other mucous membranes. Inhalation of silica dust may result in lung disease (Silicosis).
INGESTION: May cause mild to moderate irritation of the digestive tract. May cause stomach upset and vomiting.
SIGNS AND SYMPTOMS: Symptoms of eye exposure include pain, burning, redness, and swelling. Symptoms of skin irritation include redness, burning, swelling, and rash. Symptoms of respiratory irritation include runny nose, shortness of breath, chest discomfort, and reduced lung function. Symptoms of gastrointestinal exposure include abdominal pain, nausea, and vomiting.
AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.
OTHER HEALTH EFFECTS: Silicon dioxide is listed by the IARC and NTP as being carcinogenic to humans (IARC Group 1A).

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: N/E **DEGRADABILITY:** N/E **BIOACCUMULATIVE POTENTIAL:** N/E
SOIL MOBILITY: N/E **OTHER ADVERSE EFFECTS:** N/E

SECTION 13: WASTE DISPOSAL INFORMATION

WASTE DISPOSAL INFORMATION: Hydrated material will solidify to a non-hazardous solid. Landfill dispose.

SECTION 14: TRANSPORTATION INFORMATION

HAZARDOUS/NON-HAZARDOUS MATERIAL: Non-hazardous material.
UN NUMBER: None. **HAZARD CLASS:** None. **PACKING GROUP:** None.
UN PROPER SHIPPING NAME: None.
ENVIRONMENTAL HAZARDS: None.
BULK TRANSPORTATION INFORMATION: Not applicable; product is not shipped in bulk configuration.
SPECIAL PRECAUTIONS: None.

SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 7/11/2019
PREPARED BY: Dave Carey

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