



Material Safety Data Sheet

Nurserymen's Preferred Weed-Blocker Polymeric Joint Sand

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TCC Materials

2025 Centre Pointe Boulevard, Suite 300
Mendota Heights, MN 55120-1221

Emergency Telephone Number:

651-688-9116

Information Telephone Number:

651-688-9116

Revision Date:

June 2010

SECTION I: PRODUCT IDENTIFICATION

Product Types: **Polymeric Joint Sand**

Product Name:

Nurserymen's Preferred Weed-Blocker Polymeric Joint Sand

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients

Crystalline Silica in the form of Quartz

TLV

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor: White powder, odorless.

Boiling Point: 4046°F / 2230°C

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Solubility in Water: Negligible

Flash Point: Fully oxidized, will not burn

Specific Gravity: (water=1):2.65

Evaporation Rate: Not applicable

(Butyl Acetate =1)

Melting Point: 2930°F / 1610°C

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flammable Limits: LEL: Not applicable

Fire Extinguishing Media: This product will not burn but is compatible with all extinguishing media. Use any media that is appropriate for the surrounding fire.

Special Fire Fighting Procedures: None required with respect to this product.

Unusual Fire and Explosion Hazards: None

SECTION V: REACTIVITY DATA

Stability: Stable

Incompatibility: Silica will dissolve in hydrofluoric acid and produce a corrosive gas (silicon tetra-fluoride). Powerful oxidizing agents such as fluorine, chlorine trifluoride, manganese trioxide, etc.

Hazardous Polymerization: Will not occur

SECTION VI: HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation?

Yes

Skin?

No

Ingestion?

No

Health Hazards (Acute and Chronic)

Carcinogenicity:

NTP?

No

IARC Monographs?

Yes Level 2A grouping

OSHA Regulated?

No



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Exposure:

Inhalation: Breathing silica dust may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects:

Silicosis: Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop mycoacterial infections (tuberculous and non-tuberculous) and fungal infections. Inhalation of air with a very high concentration of respirable silica dust can cause the most serious forms of silicosis in a matter of months or a few years.

Eye Contact: Contact may cause mechanical irritation and possible injury.

Skin Contact: No adverse effects expected.

Ingestion: No adverse effects expected for normal, incidental ingestion.

First Aid:

Inhalation: Remove victim to fresh air. If breathing has stopped, perform artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get prompt medical attention.

Eye Contact: Flush the eyes immediately with large amounts of running water, lifting the upper and lower lids occasionally. If irritation persists or for imbedded foreign body, get immediate medical attention.

Skin Contact: No first aid should be needed since dermal contact with this product does not affect the skin. Wash exposed skin with soap and water before breaks and at the end of the shift.

Ingestion: If large amounts are swallowed, get immediate medical attention.

Steps To Be Taken In Case Material Is Released or Spilled: If uncontaminated, collect using dustless method

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

(water or vacuum).

Waste Disposal Method: Silica is not classified as a hazardous waste under US EPA RCRA regulations. If uncontaminated, dispose as an inert, non-metallic mineral. If contaminated, dispose in accordance with all applicable local, state/provincial and federal regulations in light of the contamination present.

Precautions To Be Taken In Handling and Storing: Take normal precautions against bag breakage or spills of bulk material. Avoid creation of respirable dust.

Other Precautions: Use adequate ventilation and dust collection. Do not permit dust to accumulate in work area. Maintain and use proper and clean respiratory equipment. Clean clothing which has become dusty. Warn and train your employees in accordance with all applicable Federal and State "Right to know" laws and regulations.

Respiratory Protection: Use conventional particulate respiratory protection based on considerations of airborne concentrations and duration of exposure. See most recent standards of the American National Standard Institute.

SECTION VIII: CONTROL MEASURES

Ventilation: Local Exhaust: Use local exhaust as required to maintain exposures as far as possible below applicable occupational exposure limits. Control of exposure to dust must be accomplished as far as feasible by accepted engineering control measures (for example, enclosure or confinement of the operation, general or local exhaust ventilation and substitution of less toxic materials).

Mechanical: When effective engineering controls are not feasible, or while they are being implemented, appropriate respiratory protection must be used. Use appropriate respiratory protection for respirable particulates based on consideration of airborne workplace concentrations and duration of exposure arising from intended end use.

Eye Protection: Safety glasses or goggles recommended.

Special Protection: Protective gloves, safety glasses or goggles, dusty clothing should be laundered before reuse.

FOOT NOTES

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