

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.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

Sand and/or Gravel

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

Prairie Material Sales, Inc.

Address (Number, Street, City, State, and ZIP Code)

7601 W. 79th St.

Bridgeview, IL 60455

Emergency Telephone Number

708/563-3381

Telephone Number for Information

708/563-5828

Date Prepared

1-20-92

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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Dust may contain respirable silica particles.

If dust 1% Quartz, Total dust (ACGIH & MSHA) 10mg/m³, (OSHA) 14mg/m³

If dust 1% Quartz, Total dust (ACGIH & MSHA) 30 ÷ (% Quartz +3)

Total dust (OSHA) 30 ÷ (% Quartz +2)

Respirable dust (ACGIH, MSHA, & OSHA) 10 ÷ (% Quartz +2)

Section III — Physical/Chemical Characteristics

Boiling Point	<u>4046°F</u>	Specific Gravity (H ₂ O = 1)	<u>2.6</u>
Vapor Pressure (mm Hg.)	<u>N/A</u>	Melting Point	<u>Partial melting; starts @ 2930°F</u>
Vapor Density (AIR = 1)	<u>N/A</u>	Evaporation Rate (Butyl Acetate = 1)	<u>N/A</u>

Solubility in Water

Negligible

Appearance and Odor

Angular or round multicolored particles. Odorless.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

Extinguishing Media

None required.

Special Fire Fighting Procedures

Noncombustible

Unusual Fire and Explosion Hazards

None

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	

Incompatibility (Materials to Avoid)

None determined.

Hazardous Decomposition or Byproducts

None determined.

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? No

Health Hazards (Acute and Chronic)

Use of this material for construction purposes is believed not to have caused acute toxic effects.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure

Difficulty in breathing and/or shortness of breath and coughing.

Medical Conditions

Generally Aggravated by Exposure Inhaling respirable dust may aggravate existing respiratory system

and/or dysfunctions. Exposure to dust may aggravate existing skin and/or eye conditions.

Emergency and First Aid Procedures

INHALATION: Remove to fresh air. EYES: Flush with water. SKIN: Wash with soap and water.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Sweep or vacuum material into waste container for disposal. Avoid dusty conditions or respiratory protective equipment may be necessary.

Waste Disposal Method

This material can be disposed in a landfill or by other procedures which are acceptable under Federal, State or Local regulations.

Precautions to Be Taken in Handling and Storing

Wash exposed skin with soap and water. Wash work clothes frequently.

Other Precautions

None

Section VIII — Control Measures

Respiratory Protection (Specify Type) Use NIOSH/MSHA approved dust respirator where dust exceeds or possibly exceeds TLV/

Ventilation	Local Exhaust Use if TLV is exceeded.	Special
	Mechanical (General) Use if TLV is exceeded.	Other

Protective Gloves

Yes, use to prevent skin contact

Eye Protection

Yes, use well fitting safety goggles.

Other Protective Clothing or Equipment Wear long sleeve shirt and long pants over work shoes to protect skin from exposure.

Work/Hygienic Practices

N/A