

Material Safety Data Sheet

Section I: Chemical Product and Company Identification

Product Name: Mountain Creek Sand

Effective Date: December 12, 2007

Company: Mountain Creek Products, LLC
200 N Main St
Bristow, OK 74010

Telephone: 918-367-9512

Emergency Number 918-605-1179

Section II: Hazardous Components Information

Component	CAS #	Weight %	Respirable OSHA - PEL	Total Dust OSHA - PEL
Crystalline Silica	14808-60-7	50 – 100	10 mg/M ³ /(%SiO ₂ + 2)	10 mg/M ³ /(%SiO ₂ + 2)
Free Silica	14808-60-7	< 0.5	10 mg/M ³ /(%SiO ₂ + 2)	10 mg/M ³ /(%SiO ₂ + 2)
Particulate Not otherwise specified	NA	0 - 50	5	15

Unidentified ingredients are considered non-hazardous under Federal Communication Standard (29 CFR 1910.1200).

Section III: Hazards Identification

Effects of Overexposure (Eye Contact): Direct contact with dust may cause irritation by mechanical abrasion.

Effects of Overexposure (Skin Contact): Direct contact may cause irritation by mechanical abrasion.

Effects of Overexposure (Inhalation): Dust may irritate the nose, throat, and respiratory tract by mechanical abrasion. Coughing, sneezing, and shortness of breath may occur following exposures in excess of recommended levels.

Material Safety Data Sheet

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Effective Date: December 12, 2007

Effects of Overexposure (Ingestion): Practically non-toxic. Ingestion of large amounts may cause gastric irritation and/or blockage.

Effects of Overexposure (Chronic hazards): Chronic bronchitis and other respiratory effects may result from chronic inhalation exposure. Un-protected skin may develop contact dermatitis.

Primary Routes of Entry: Skin contact, eye contact, ingestion, inhalation

Note: Aggregate products may contain more than 0.1% crystalline silica, which, is a cancer hazard if inhaled. Cancer risk depends on duration and level of exposure. Prolonged exposure to crystalline silica can cause silicosis, a progressive lung disease. Respirable dust containing newly broken silica particles has been shown to be more hazardous to test animals than dust containing older silica particles of like size. Dust created by sand blasting is of most hazardous.

Section IV: First Aid Measures

Inhalation: Remove person to fresh air. Support breathing if needed. Encourage to cough or spit out and blowing of nose to remove dust accumulation. If signs or symptoms continue, seek medical attention.

Skin Contact: Wash skin with plenty of soapy water. If irritation develops or persists, seek medical attention.

Eye Contact: Flush eyes with water for 15 minutes. If eye irritation continues, seek Medical attention.

Ingestion: **If conscious, give large volumes of water and induce vomiting.** Never give anything by mouth to an unconscious person. Seek medical attention.

Section V: Fire-Fighting Measures

Flash Point: Not Combustible

Lower Explosion Limit: Not Applicable.

Upper Explosion Limit: Not Applicable

Suitable Extinguishing Material: Not Applicable

Material Safety Data Sheet

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Section VI: Stability and Reactivity

Conditions to Avoid: None Known.

Hazardous Decomposition Products: None Known

Hazardous Polymerization: Not Known to occur under normal conditions.

Stability: This product is stable under normal storage conditions.

Section VII: Physical and Chemical Properties

Physical State: Solid

Melting Point: NA

Boiling Point: NA

Evaporation Rate: NA

Specific Gravity: 2.45 – 2.80 (Water =1)

% Volatile: 0 %

pH: 3.3

Odor: odorless

Color: granular gray, light tan and or reddish brown

Section VIII: Handling and Storage

Handling: No special handling precautions.

Storage: Stack bagged material to prevent falling. Bagged sand is heavy and may put excessive strain on the back, arms, shoulders, and legs during lifting and mixing.

Bulk storage may create situations where engulfment is possible. DO not enter confined spaces.

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Section IX: Disposal Considerations

This product is considered to be non-hazardous; however, follow federal, state, and local regulations.

Do not flush sand and/or gravel to sewers and drainage systems or into bodies of water (streams, creeks, etc.)

Section X: Personal Protective Measures

Eye Protection: Wear safety glasses

Hand protection: Impervious Gloves.

Respiratory Protection: No personal protective respiratory equipment normally required. Wear approved respirators for dust above exposure levels.

Hygiene Measures: Avoid contact with skin, eyes, and clothing.
Wear suitable gloves and eye protection.
Wash hands before breaks, eating, and/or smoking.
Provide adequate ventilation.
Keep away from food and drink.

Section XI: Regulatory Measures

SARA Title 313 Components: NA

CERCLA Reportable Quantity: NA

California Prop 65: NA

NFPA: 1-0-0

RCRA: Not considered a hazardous waste as purchased. It is customer's responsibility to determine at the time of disposal if it is hazardous or not.

Section XII: Other Information

The products supplied by Timco and information related to them is intended for use by buyers having necessary skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of Timco products for their own particular purpose. Since buyers conditions of use are beyond Timco's control, Timco does not warrant any recommendations and information for use of such products. Timco disclaims all other warranties including the implied warranty of merchantability and fitness for any particular purpose in connection with the use of its products.