

S. W. Barrick & Sons

MSDS

Material Safety Data Sheet

Crushed Limestone Products

Section 1: PRODUCT IDENTIFICATION

Chemical Name: Limestone, Calcium Carbonate

Trade Name: Crushed Stone, Aggregate, Manufactured Sand.

Section 2: COMPONENTS

<u>Component Name</u>	<u>CAS No</u>	<u>Approx. %</u>
Limestone*	None	100
*Mineral composition varies naturally, typically contains quartz (crystalline silica)		

Section 3: HAZARD IDENTIFICATION DATA

Appearance and Odor: Solid, angular, gray to white in color. No odor.

Potential Health Effects:

Eye Contact: (acute/chronic). Direct contact may cause eye irritation, burns and abrasions.

Inhalation: Dust may cause nose, throat, or lung irritation. Coughing or sneezing may occur. Prolonged or repeated may cause lung injury. This product may contain crystalline silica. Crystalline silica has been classified as a human carcinogen by IRAC. Some studies suggest a potential for lung cancer, including silicosis from crystalline silica exposure. Risk of an injury depends on the duration and level of exposure. Prolonged exposure may result in additional health effects.

Ingestion: Expected to be non-toxic, large amounts may cause intestinal distress

Skin Contact: Direct Contact may cause discomfort, dry skin, redness, and irritation.

Section 4: FIRST AID PROCEDURES

Eye Contact: Irrigate thoroughly with clean water. Seek medical attention for persistent irritation or abrasion.

Inhalation: Move to fresh air. Seek medical attention for discomfort.

Ingestion: Drink large quantities of water. Seek medical attention for discomfort.

Skin Contact: Wash with soap and water. Seek medical attention if discomfort

Section 5: FIRE AND EXPLOSION HAZARD DATA

Flashpoint and method: None

Flammability Limits: Non-Flammable.

General Hazard: Avoid breathing dust.

Section 6: REACTIVITY AND STABILITY

Stability: Product is stable

Incompatibility and Conditions to Avoid: Silicate contact with powerful oxidizing. Agents such as fluorine, boron trifluoride, manganese trifluoride, chlorine fluoride, and oxygen difluoride may cause fire or explosion. Dissolves in hydrofluoric acid producing corrosive silicon tetrafluoride gas

Section 7: PERSONAL PROTECTION AND EXPOSURE MANAGEMENT

Engineering Controls

Use water to suppress dust and/or adequate ventilation to control and maintain dust levels below the required exposure limits.

Personal Protection

Eye Protection: Wear safety glasses with side shields as minimum protection or goggles to prevent contact with eyes.

Respiratory Protection: Respiratory protection is not required when dust levels are maintained below the required permissible exposure limits. Wear a NIOSH approved respirator when the exposure to dust exceeds the required permissible exposure limits.

Skin Protection: Wear appropriate clothing and gloves to prevent contact with skin. Wash exposed skin with soap and water prior to eating, drinking or using toilet facilities and launder clothing after each use

Section 8: PHYSICAL DATA

Specific Gravity: 2.6-2.8

Vapor Density – Not Applicable

Boiling Point – >1000 ° C

Vapor Pressure – Not Applicable

Evaporation Rate – Not Measurable

Solubility in Water - None

Freezing Point - None

Section 9: STORAGE AND HANDLING

Storage Temperature and pressure - Unlimited

Respirable crystalline may be generated during the use, handling and storage of this product. See Section 7 for personal protection and controls for exposure.

Do not store near food, beverages, and ignition sources

Section 10: ACCIDENTAL RELEASE AND DISPOSAL PRACTICES

Airborne dust from wind, blowers and sweeping may cause hazards identified in Section 3. Use procedures in Section 7 when cleanup is required. Do not dry sweep material,

Prevent spilled material from entering streams, drains, or sewers.

Accidental release on land or water – cleanup spilled material.

Dispose of material in accordance with applicable federal, state, and local laws and regulations.

Section 11: TRANSPORTATION

Not a hazardous material for DOT shipping.

For Further Information contact: Laurel Sand & Gravel Inc.
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