



SAFETY DATA SHEET

Date of Issue: 1/12/2020

AZTEC MATERIAL LLC
SAFETY DATA SHEET (SDS): SAND & GRAVEL

SECTION I – IDENTIFICATION

PRODUCT IDENTIFIER TRADE NAME OTHER SYNONYMS

Natural Sand & Gravel, Gravel Brown Gravel / Sand Construction Aggregate, River Rock, Pea Gravel,
Course Aggregate

RECOMMENDED USE AND RESTRICTION ON USE

Used for construction purposes

This product is not intended or designed for and should not be used as an abrasive blasting medium or for foundry applications.

MANUFACTURER/SUPPLIER INFORMATION

PRODUCT NAME: Silica Sand, Quartz Sand, Industrial Sand

MANUFACTURER'S NAME: Standard Sand & Silica

Company ADDRESS: P.O. Box 1120 Hammonton, NJ 08037

PHONE NUMBER: 609-561-2500 Office

EMERGENCY PHONE NUMBER: 09-284-8688 Office

SECTION II – HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION:

Category 1A Carcinogen

Category 1 Specific Target Organ Toxicity (STOT) following repeated exposures

Category 1 Eye Damage

Category 1 Skin Corrosive

SIGNAL WORD: WARNING



SECTION II – HAZARD(S) IDENTIFICATION (Cont)

HAZARD STATEMENTS:

May cause cancer by inhalation.

Causes damage to lungs, kidneys and autoimmune system through prolonged or repeated exposure by inhalation. Causes

severe skin burns and serious eye damage.

PRECAUTIONARY STATEMENTS

Do not handle until the safety information presented in this SDS has been read and understood.

Do not breathe dusts or mists. Do not eat, drink or smoke while manually handling this product. Wash skin thoroughly after

manually handling.

If swallowed: Rinse mouth and do not induce vomiting.

If on skin (or hair): Rinse skin after manually handling and wash contaminated clothing if there is potential for direct skin contact

before reuse.

If inhaled excessively: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, and continue rinsing.

If exposed, concerned, unwell or irritation of the eyes, skin, mouth or throat/nasal passage persist: Get medical attention. Wear

eye protection and respiratory protection following this SDS, NIOSH guidelines and other applicable regulations. Use

protective gloves if manually handling the product.

Avoid creating dust when handling, using or storing. Use with adequate ventilation to keep exposure below recommended

exposure limits.

Dispose of product in accordance with local, regional, national or international regulations.

Health Hazard

Irritant (skin and eye)

Shiloh Sand & Gravel: SDS for Sand & Gravel May 2015

For additional health, safety or regulatory information and other emergency situations, call Shiloh Safety at (334) 850-0088

(334) 285-1805 OFFICE

Please refer to Section XI for details of specific health effects of the components.

(1): The composition of SiO₂ may be up to 100% crystalline silica



SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT(S) CAS REGISTRY NO

CHEMICAL NAME

Iron Oxide (Fe₂O₃), % 1309-37-1

Crystalline Silica (SiO₂), % 7631-86-9

Aluminum Oxide (Al₂O₃), % 1344-28-1

Titanium Dioxide (TiO₂), % 13463-67-7

Silicon Dioxide, SiO₂ 7631-86-9

Magnesium Oxide, MgO 1309-48-4

Calcium Oxide, CaO 1305-78-8

Potassium Oxide, K₂O 12136-45-7

Calcium Carbonate, CaCO₃ 471-34-1

Silica (Si) 7631-86-9

Magnesium (Mg) 7439-95-4

Magnesium Carbonate (MgCO₃) 546-93-0

Calcium (Ca) 471-34-1

Sodium Oxide (Na₂O) 1313-59-3

% by weight (approx.)

Silicon Dioxide, SiO₂ 99%

Direct skin and eye contact with dust may cause irritation by mechanical abrasion. Some components of the product are also known to cause corrosive effects to skin, eyes and mucous membranes. Ingestion of large amounts may cause gastrointestinal irritation and blockage. Inhalation of dust may irritate nose, throat, mucous membranes and respiratory tract by mechanical abrasion. Coughing, sneezing, chest pain, shortness of breath, inflammation of mucous membrane, and flu-like fever may occur following exposures in excess of appropriate exposure limits. Repeated excessive exposure may cause pneumoconiosis, such as silicosis and other respiratory effects. Direct skin and eye contact with dust may cause irritation by mechanical abrasion. Some components of the product are also known to cause corrosive effects to skin, eyes and mucous membranes. Ingestion of large amounts may cause gastrointestinal irritation and blockage. Inhalation of dust may irritate nose, throat, mucous membranes and respiratory tract by mechanical abrasion. Coughing, sneezing, chest pain, shortness of breath, inflammation of mucous membrane, and flu-like fever may occur following exposures in excess of appropriate exposure limits. Repeated excessive exposure may cause pneumoconiosis, such as silicosis and other respiratory effects.



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SECTION IV – FIRST-AID MEASURES INHALATION: If excessive inhalation occurs, remove to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists or develops later. **EYES:** Immediately flush eye(s) with plenty of clean water for at least 15 minutes, while holding the eyelid(s) open. Occasionally lift the eyelid(s) to ensure thorough rinsing. Remove contact lenses, if present and easy to do, and continue rinsing. Beyond flushing, do not attempt to remove material from the eye(s). Contact a physician if irritation persists or develops later. **SKIN:** Rinse skin with soap and water after manually handling and wash contaminated clothing if there is potential for direct skin contact. Contact a physician if irritation persists or develops later. **INGESTION:** If swallowed, rinse mouth and do not induce vomiting. If gastrointestinal discomfort occurs, persists or develops later, get medical attention. **SIGNS AND SYMPTOMS OF EXPOSURE:** There are generally no signs or symptoms of exposure to respirable crystalline silica. Often, chronic silicosis has no symptoms. The symptoms of chronic silicosis, if present, are shortness of breath, wheezing, cough and sputum production. The symptoms of acute silicosis which can occur with exposures to very high concentrations of respirable crystalline silica over a very short time period, sometimes as short as 6 months, are the same as those associated with chronic silicosis; additionally, weight loss and fever may also occur. The symptoms of scleroderma, an autoimmune disease, include thickening and stiffness of the skin, particularly in the fingers, shortness of breath, difficulty swallowing and joint problems.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING AGENT

Not flammable; use extinguishing media compatible with surrounding fire.

UNUSUAL FIRE AND EXPLOSION HAZARD

Contact with powerful oxidizing agents may cause fire and/or explosions (see Section X of this SDS). While individual components are known to react vigorously with water to produce heat, this is not expected from the sand & gravel.

SPECIAL FIRE FIGHTING PROCEDURES None known

HAZARDOUS COMBUSTION PRODUCTS

None known



SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Persons involved in cleaning should first follow the precautions defined in Section VII of the SDS. Spilled materials, where dust can be generated, may overexpose cleanup personnel to respirable crystalline silica-containing dust and other components that may pose inhalation hazards. Do not dry sweep spilled material. Collect the material using a method that does not produce dust such as a High-Efficiency Particulate Air (HEPA) vacuum or thoroughly wetting down the dust before cleaning up. Wear appropriate personal protective equipment as specified in Section VIII including appropriate respirators during and following clean up or whenever airborne dust is present to ensure worker exposures remain below occupational exposure limits (OELs - Refer to Section VIII).

Place the dust in a covered container appropriate for disposal. Dispose of the dust according to federal, state and local regulations.

This product is not subject to the reporting requirements of SARA Title III Section 313, and 40 CFR 372.

SECTION VII – HANDLING AND STORAGE

This product is not intended or designed for and should not be used as an abrasive blasting medium or for foundry applications. Follow protective controls set forth in Section VIII of this SDS when handling this product. Dust containing respirable crystalline silica and other components that may be corrosive/irritant may be generated during processing, handling and storage. Use good housekeeping procedures to prevent the accumulation of dust in the workplace.

Do not breathe dust. Avoid contact with skin and eyes. Do not store near food or beverages or smoking materials. Do not stand on piles of materials; it may be unstable.