

SAFETY DATA SHEET

Sand and Gravel

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sand and Gravel
Trade Names: Sand, Rock, Sand and Gravel, Construction Aggregate
Manufacturer/Contact Info: Central Builders Supply Company
125 Bridge Avenue, PO Box 152
Sunbury, Pa. 17801
General Phone Number: 570-286-6461 (Monday-Friday 8:00 AM to 4:00 PM)
Recommend Use: Varies
Restrictions of Usage:

SECTION 2: HAZARD IDENTIFICATION

Hazard Classification(eg., flammable liquid, category):
Signal Word: Danger
Hazard Statement: Causes damage to organs through prolonged or repeated exposure. Harmful if swallowed
Precautionary Statement: Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.



Description of any hazards not otherwise classified:
Statement of unknown acute toxicity:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances:

<u>Chemical Name</u>	<u>Common Name & Synonyms</u>	<u>(CAS) Number</u>
Natural Sand and Gravel*	Sand and Gravel, Construction Aggregate	14808-60-7

*Composition varies natural typically contains some quartz (crystalline silica)

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Trade Secret Statement if any:

SECTION 4: FIRST AID MEASURES

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, . If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothes before reuse. Call a physician if irritation develops and persists.

Inhalation:

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Ingestion:

If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

Description of most important symptoms or effects or any symptoms that are acute or delayed:

Eye: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin: May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Handling can cause dry skin.

Inhalation: May cause respiratory tract irritation.

Note to Physician: Symptoms may not appear immediately.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Equipment: Not flammable by criteria. Treat for surrounding material.

Inappropriate Extinguishing Equipment for Particular Situations:

Specific Hazards that Develop from the Chemical during the Fire:

Special PPE or Other Precautions for Firefighters:

Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA)

SECTION 6: ACCIDENTAL RELEASE MEASURES

Special Precautions in Case of Spill:

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Necessary PPE:

Emergency Procedures:

Method and Materials Used for Containment:

Clean-up Procedures:

SECTION 7: HANDLING AND STORAGE

Precautions during Handling and Use:

Handling: Avoid contact with skin and eyes. Do not swallow. Good housekeeping is important to prevent accumulation of dust. Avoid generating and breathing dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. When using do not eat or drink. (see section 8)

General Hygiene Advice:

Laundry contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Storage Requirements:

Avoid any dust buildup by frequent cleaning and suitable construction of the storage area.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TVL</u>	<u>NIOSH REL</u>
	((10 mg/m ³)/(%SiO ₂ +2) TWA (resp))	0.025 mg/m ³	
	((30 mg/m ³)/(%SiO ₂ +2) TWA (total))		

Legend: NE=Not Established; PEL=Permissible Exposure Limit; TVL=Threshold Value Limit; Rel Recommended Exposure Limit; Engineering and Administrative Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Measures to Prevent Illness or Injury(PPE,etc.)

Eye/Face Protection: Wear approved eye (properly fitted dust - or - splash-proof chemical safety goggles) / face (face shield) protection.

Hand Protection: Wear suitable waterproof gloves.

Body Protection: Wear suitable waterproof protective clothing.

Respiratory Protection: A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2)

General Health and Safety Measures: Handle according to established industrial hygiene and safety practices. Do not eat, smoke, or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

Special PPE requirements:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Powder, Granular, Pebble

Flammability (solid, gas):

Not Flammable

SECTION 10: STABILITY AND REACTIVITY

Reactivity Test Data: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal storage conditions. Keep dry in storage.

Needed Stabilizers: Safety issues if the Product Undergoes a Change in Physical Appearance.

Possible Hazardous Reaction: No dangerous reaction known under conditions of normal use.

Conditions to Avoid: Classes of incompatible Materials:

Hazardous Decomposition By-Products Due to Use, Storage, or Heating: May include, and are not limited to: oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure (Indicate if routes of exposure are unknown):

Skin contact, skin absorption, eye contact, inhalation, and ingestion.

Symptoms related to physical/chemical/toxicological characteristics:

Eye: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin: May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Handling can cause dry skin.

Ingestion: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

Inhalation:

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May cause respiratory tract irritation.

Delayed, Immediate, or Chronic effects from short and long-term exposure:

Numerical Measures of Toxicity:

Description of Symptoms:

Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research of Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

Is Material Listed as a Carcinogen by the National Toxicology Program's (NTP) Report on Carcinogen According to the International Agency for Research on Cancer (IARC) Monographs or by OSHA?

SECTION 12: ECOLOGICAL INFORMATION (Non-Mandatory)

No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.

SECTION 13: DISPOSAL CONSIDERATIONS (Non-Mandatory)

Disposal Method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

SECTION 14: TRANSPORT INFORMATION (Non-Mandatory)

SECTION 15: REGULATORY INFORMATION (Non-Mandatory)

SECTION 16: OTHER INFORMATION

Date Prepared: 04/23/15