SAFETY DATA SHEET

Product: Crushed Stone
Prepared: 9/9/2000; Revised 6/21/2012, 5/12/2015

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Limestone
CHEMICAL FORMULA: Mixture
CHEMICAL FAMILY: Mineral Dolomite
RECOMMENDED USE: Concrete and Asphalt Aggregate

MANUFACTURER: Compass Quarries, Inc.
Paradise Quarry
47 McIlvaine Road
Paradise, PA 17562
(717) 442-4191
EMERGENCY TELEPHONE NUMBER: (800) 999-1018

SECTION 2 HAZARDS IDENTIFICATION

SIGNAL WORD: Warning
GHS CLASSIFICATIONS: Acute Toxicity – Category 5
Skin Irritation – Category 3
Respiratory Sensitizer – Category 1
Carcinogenicity – Category 1
GHS LABEL ELEMENTS:

POTENTIAL HEALTH EFFECTS:

Eye Contact: Dust may cause irritation to the eyes by abrasion.
Sensitization:

a) Skin: Dust may cause irritation to the skin by abrasion.
b) Respiratory (Ingestion): Small amounts of dust are not expected to cause injury. Large amount may cause stomach pain and blockage.
c) Respiratory (Acute Inhalation): May cause significant irritation to the nose, throat, and respiratory tract.
d) Respiratory (Chronic Inhalation): This product contains fused silica and prolonged or repeated inhalation can cause silicosis, a serious and potentially fatal lung disease.

PRECAUTIONARY STATEMENT: This substance is typically grey to white colored, ranging in size from powder to boulders. It does not have an odor and is not flammable. Respirable dust particles containing silicon dioxide may be generated by handling granite. Inhalation of excessive dust or particulate matter may cause respiratory problems. Crystalline silica, which is a component of this product, has been designated as a Group I carcinogen by the International Agency for Research on Cancer. Repeated exposure to silica dust may cause pneumoconiosis (silicosis).

SECTION 3 COMPOSTION / INFORMATION ON INGREDIENTS

Components Name	CAS/EC Number	% by weight (approximate)
Calcium Carbonate	1317-65-3	50 - 100
Magnesium Carbonate	546-93-0	0 - 50
Crystalline Silica	14808-60-7	0 - 15

SECTION 4 FIRST AID MEASURES

EYES: Flush with warm water for 15 minutes. If irritation persists, seek medical attention.
SKIN: Wash with mild soap and water. If irritation persists, seek medical attention.
INGESTION: If conscious, induce vomiting and seek medical attention. Never induce an unconscious person to vomit.
INHALATION: Move to well-ventilated area. If irritation persists, seek medical attention.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT: Not flammable
FLAMMABLE LIMITS IN AIR: Not flammable
FIRE FIGHTING: Not applicable
FLAMMABLE CLASS: Nonflammable

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes and mucous membranes. Be aware that respirable dust particles containing silicon dioxide may be generated by handling limestone. Avoid breathing dust particles.
PERSONAL PROTECTIVE EQUIPMENT: A NIOSH-approved respirator will be offered as requested for clean-up staff.
EMERGENCY PROCEDURES: If dust is generated from spilled materials, wetting of the spilled material and/or the use of respiratory personal protective equipment may be required.

REPORTING: In the event of a spill, this material is not subject to notification requirements.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS:
Do not climb or stand in piles of this product as it may be unstable.
Avoid contact with eyes and mucous membranes.
Respirable dust particles containing silicon dioxide may be generated by handling granite.
Avoid breathing dust particles.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES: See Section 2.
ENGINEERING CONTROLS: Use exhaust or natural ventilation to keep exposure below appropriate exposure limits. Excessive dust should be reduced by engineering controls such as wetting, ventilation and process enclosure.
PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection: If engineering controls do not maintain dust concentrations below appropriate exposure limits, a NIOSH-approved respirator must be worn with a particulate filter. Respirator use must comply with applicable MSHA or OSHA standards.

Eye and Face Protection: Wear goggles or safety glasses with side shields when handling this material.

Skin Protection: No recommended protection.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid.
APPEARANCE:	Angular shape with grey to white color.
ODOR:	Odorless.
pH:	Not applicable.
MELTING/FREEZING POINT:	Not applicable.
BOILING POINT:	Not applicable.
FLASH POINT:	Not applicable.
EVAPORATION RATE:	Not applicable.
FLAMMABLITY:	Not applicable.
VAPOR PRESSURE:	Not applicable.
VAPOR DENSITY:	Not applicable.
RELATIVE DENSITY:	Not applicable.
SPECIFIC GRAVITY:	2.7 - 2.85
SOLUBILITY:	Not soluble.
PARTIAL COEFFICIENT:	Not applicable.
AUTO-IGNITION TEMPERATURE:	Not applicable.
DECOMPOSITION TEMPERATURE:	Not applicable.

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable.
HAZARDOUS POLYMERIZATION:	None.
POLYMERIZATION:	None.
INCOMPATABILITY:	Strong oxidizing agents. Silica dissolves in hydrofluoric acid and produces silicon tetra fluoride, a corrosive gas.

SECTION 11 TOXICOLOGICAL INFORMATION

Primary route of exposure: Inhalation

EYE CONTACT:	Dust may cause irritation to the eyes by abrasion.
SKIN CONTACT:	Dust may cause irritation to the skin by abrasion.
INGESTION:	Ingestion of small amounts of dust is not expected to cause injury. Ingestion of large amounts may cause stomach pain and blockage.

INHALATION: May cause significant irritation to the nose, throat, and respiratory tract.

Threshold Limit Value for crystalline silica (quartz): 0.025 mg/m^3

MSHA and OSHA Permissible Exposure Limit:

Crystalline quartz (respirable): PEL-TWA 10 $mg/ m^3/ (\%SiO_2 + 2)$.
Crystobalite: Use ½ the value calculated from the count or mass formulae for quartz.
Tridymite: Use ½ the value calculated from the formulae for quartz.

Other particulates: TLV = 10 mg/m^3 (inhalable/total particulate, not otherwise classified), TLV = 3 mg/m^3 (respirable particulate, not otherwise classified), OSHA PEL = 15 mg/m^3 (total particulate, not otherwise regulated), OSHA PEL = 5 mg/m^3 (respirable particulate, not otherwise regulated).

Silicosis leads to lung fibrosis and reduced pulmonary function. The severity of silicosis depends on the type and extent of exposure to silica dust particles. Silicosis can become disabling and potentially fatal in later stages. Not all individuals that have silicosis will develop symptoms, but it can appear an extended amount of time after exposure occurs. The most common symptoms of silicosis are as follows: Shortness of breath, coughing, reduction of lung volume, heart enlargement or failure, difficulty breathing, and an increased risk of pulmonary tuberculosis.

SECTION 12 ECOLOGICAL INFORMATION

Product is mined from the environment and unaltered. No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Clean material may be reused. Material contaminated with foreign substance should be disposed of in accordance with local, state, and federal laws and regulations.

SECTION 14 TRANSPORT INFORMATION

UN NUMBER:	Not applicable.
UN PROPER SHIPPING NAME:	Not applicable.
TRANSPORT HAZARD CLASS:	None.
PACKING GROUP:	None.
MARINE POLLUTANT:	No.

SECTION 15 REGULATORY INFORMATION

OSHA includes chrysotile in the definition of asbestos and is subject to the permissible exposure limit (PEL) of 0.1 $fiber/cm^3$ as defined in 29 CFR 1910.1001 (c)(1).

Inhalation of excessive dust or particulate matter may cause respiratory problems. Repeated exposure to silica dust may cause pneumoconiosis (silicosis).

SECTION 16 OTHER INFORMATION

Manufacturer Disclaimer: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Appropriate warnings and safe handling procedures should be provided to handlers and users.