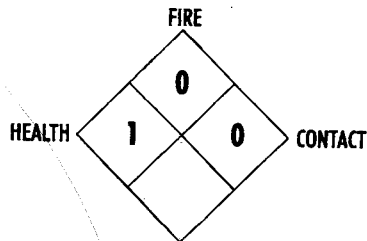


Limestone



HAZARD RATING

HEALTH HAZARD 1-LOW
FIRE HAZARD 0-NIL
CONTACT HAZARD 0-NIL

REVISED: 5/05

Section I - Name and Product

Manufacturer O-N Minerals, PenRoc Operation
Emergency telephone (717) 843-2635 Sales: 800-545-4114
Fax (717) 843-0986
Trade name Ground High Calcium Carbonate
Common name Limestone
Product Names GPR325, GPR270, GPR250, GPR200, GPR6, GPR4, GPR20, GPR30

Section II - Composition and Hazards

Chemical name	%	Common name	CAS No.	AGCIH TLVTWA
Calcium Carbonate		Limestone	1317-65-3	See
Magnesium Carbonate		Limestone	-	Section
Free Silica	<0.1	Quartz	14808-60-7	VI

Section III - Physical and Chemical Characteristics

Appearance and odor Gray/white solid. High Calcium is available in granular and powdered form.
Melting point 1339°C at 103 ATM
Specific gravity 2.7-2.8
Water solubility 0.14g CaCO₃ at 25°C
Solubility in other reagents Soluble in acids. Calcium salts will form in the presence of acid

Section IV - Fire and Explosion Hazard Data

Flashpoint Not flammable
Fire and explosion hazards None

Section V - Corrosivity and Reactivity Data

Stability Stable.
Incompatibilities Limestone reacts with acids and Fluorine.
Hazardous decomposition Silica containing respirable dust particles may be generated by handling.
Hazardous polymerization Will not occur.

Section VI - Health, First Aid and Medical Data

Route of entry Inhalation (dust).
Health hazards Low-nuisance dust
First aid:
Dust inhalation Remove from exposure to fresh air

Dust in eyes

Flush eyes with water for 15 minutes. Contact a physician if irritation persists or develops.

Dust contact with previously irritated skin
Chronic toxicity

Wash with soap and water.
Chronic exposure to respirable limestone dust in excess of exposure limits may cause pneumoconiosis (lung disease).
Chronic exposure to quartz-containing limestone dust in excess of appropriate exposure limits may cause silicosis, a progressive pneumoconiosis. Chronic tobacco smoking may further increase the risk of developing chronic lung problems.

Section VII - Storage, Handling and Use Procedures

Steps to be taken in case of spills

Normal cleanup for non-hazardous materials. Wetting of spilled materials may be necessary.

Waste disposal method

Normal disposal for non-hazardous material. Clean material can be reused.

Precautions for handling and storage

Dusting may result from handling. Use precautions in Section VIII. Store under dry conditions

Section VIII - Personal Protection information

Respiratory protection

NIOSH approved dust respirators where levels exceed exposure limits. Dust mask will minimize nuisance dust.

Ventilation

Local exhaust. Mechanical exhaust may be required in confined space.

Protective gloves

Not required

Eye protection

Safety glasses with side shield at a minimum.

Work/hygenic practices

Wash dust exposed skin with soap and water. Wash work clothes after use.

Other equipment

Eyewash solution should be available near work area for removing dust from eyes.

ON
O-N MINERALS
PENROC OPERATION

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