



SECTION I -- NAME AND PRODUCT

Manufacturer Kinsley Materials - PenRoc Operation **Trade Name** Ground High Calcium Carbonate
Emergency Phone 800-284-1046 **Common Name** Limestone
Product Names GPR325, GPR270, GPR250, GPR200, GPR100, GPR6, GPR4, GPR20, GPR30

SECTION II - COMPOSITION AND HAZARDS

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

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Melting Point 1339°C at 103 ATM **Specific Gravity** 2.7 - 2.8 **Water Solubility** 0.14g CaCO₃ at 25°C
Appearance and Odor Gray/white solid. High Calcium is available in granular and powdered form.
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 - CORROSIVENESS 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 Polymerizations 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 Wash with soap and water.
Chronic Toxicity 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 clean up for non-hazardous materials. Wetting of spilled materials may be necessary.
Waste Disposal Normal disposal for non-hazardous material. Clean material can be reused. Dusting may result from handling.
Precautions for Handling/Storage 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 a side shield at a minimum.
Work/Hygienic 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.