

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 12/17/1998

Trade Name: Pelletized Gypsum, fine grind

ACRONYMS: gypsum

SECTION 1: General Information

MANUFACTURER: Carolina Gypsum, L.L.C.
EMERGENCY PHONE NUMBER: (803) 376-1118
OTHER CALLS: (843) 571-0411

ADDRESS: Carolina Gypsum
1150 Shop Road
Columbia, SC 29201

PREPARED BY: Performance & Environmental Services

SECTION 2: Hazardous Ingredients/Identity Information

NAME	CAS #	OSHA PEL	ACGIH TLV	PERCENT
Calcium Sulfate	777-18-9	15 mg/m3 (total) 5 mg/m3 (resp)	10 mg/m3	95-99
Silicon	7440-21-3	15 mg/m3 (total) 5 mg/m3 (resp)	10 mg/m3	0.1-1
Aluminum		15 mg/m3 (total) 5 mg/m3 (resp)	10 mg/m3	0.1-1

SECTION 3: Physical Data

Boiling point: NA **Melting Point:** NA **Specific Gravity:** 2.0 -3.0
Vapor Pressure: NA **Vapor Density:** NA **Evaporation Rate:** NA
Solubility in H2O: moderate % Volatile: NA
Appearance & Odor: White to yellow-gold with minimal odor

SECTION 4: Fire and Explosion Hazard Data

Flash Point: NA **Flammable Limits (in air):** Upper- NA Lower-NA

Extinguishing Media: NA

Special Fire Fighting Procedures:

Fire fighters should wear proper protective equipment and a self contained breathing apparatus with full face-piece operated in the positive pressure mode.

Toxic Gases Produced: Sulfur Dioxide

SECTION 5: Reactivity Data

Stability: Stable under normal handling and storage conditions

Conditions to avoid: NA **Incompatible:** Strong acids

Hazardous Polymerization: NA **Decomposition:** Oxides of Sulfur

SECTION 6: Health Hazard Data

Routes of Entry: Inhalation and ingestion

Signs and symptoms of Overexposure: Dust may be irritating to eyes and mucous membranes

Emergency First Aid Procedures:

Ingestion: If the person is conscious, administer large amounts of water orally, obtain medical attention.

Inhalation: Move to fresh air, obtain medical attention if necessary.

Eye Contact: Flush immediately with clean water for at least 15 minutes> obtain medical attention if necessary.

Skin Contact: Wash thoroughly with soap and water.

SECTION 7:

Precautions for Handling and Uses

Precautions to be taken in Handling and Storage:	Avoid creating airborne dust
Steps to be taken in the event of a spill:	Sweep or shovel into containers for reclamation or disposal.
Disposal:	Dispose of in accordance with all local, state and federal regulations.

SECTION 8:

Control Measures

Ventilation:	Use adequate general or local exhaust to keep dust levels as low as possible
Respiratory Protection:	Use appropriate NIOSH approved respirator when necessary.
Eye/Skin Protection:	Leather or Cotton gloves adequate. Safety glasses with side shields.
Work Practice:	Avoid creating airborne dust

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The information in this material safety data sheet has been compiled from data presented in various technical publications. It is the responsibility of the user to determine the suitability of this information for the adoption of necessary safety precautions.

Carolina Gypsum, L.L.C.
Post Office Box 30008
Charleston, South Carolina 29417
(843)- 571- 0411

PRODUCT SPECIFICATION

Pelletized GRANULAR Gypsum

GUARANTEED ANALYSIS

Calcium Sulfate (CaSO ₄)	70.0%
Calcium Sulfate Dihydrate (CaSO ₄ - 2H ₂ O)	89.0%
Calcium (Ca)	20.0%
Sulfur (S) Combined	16.0%
Moisture (Maximum)	1.0%

Derived from Gypsum (Calcium Sulfate). Also contains non-plant food ingredients : 2% Lignosulfonates as a binding agent

Bulk Density: 56 lbs / cubic ft.