

**GYPSUM ROCK  
MATERIAL SAFETY DATA SHEET****SECTION I - PRODUCT IDENTIFICATION****PRODUCT NAME:** Gypsum Rock**TRADE NAME:** PC Rock (Portland Cement Rock), Retarder (same as PC Rock), Fines, Agricultural Gypsum, Bagged Agricultural Gypsum, Hoe Down, Easy Go, and Gypsum Soil Conditioner**SYNONYMS:** N/A**CHEMICAL FAMILY:** N/A**CHEMICAL FORMULA:** N/A**CAS NUMBER:** None**MANUFACTURER'S NAME AND ADDRESS:** Temple-Inland Inc.  
P.O. Drawer N  
Diboll, Texas 75941**EMERGENCY TELEPHONE NUMBER:** 936-829-5511 (Monday-Friday, 8AM-5PM) Central Time**DATE REVISED:** January 2009**SECTION II - HAZARDOUS INGREDIENTS**

Gypsum rock can range from boulder size to very fine particles also known as PNOC's by OSHA. The handling of and remanufacture of gypsum rock can generate a dust that has a potential for respiratory irritant effects. Gypsum is calcium sulfate. Other trace materials are present in gypsum rock as gypsum rock is a naturally occurring material.

COMPONENTS	CAS #	EXPOSURE LIMIT (OSHA)	EXPOSURE LIMIT (ACGIH)
Silica-Quartz	60676-86-0 & 1480-60-7	10.0 mg/m <sup>3</sup> * (Respirable)  30.0 mg/m <sup>3</sup> (Total Dust)	0.1 mg/m <sup>3</sup> TWA (Respirable)
Gypsum/Calcium Sulfate (PNOR) (1)	7778-18-9	15.0 mg/m <sup>3</sup> Total Dust  5.0 mg/m <sup>3</sup> Respirable	10 mg/m <sup>3</sup> TWA*

\*The value is for inhalable (total) particulate not containing asbestos and <1% crystalline silica.

(1) This material, if it becomes a particulate from the product, is regulated by OSHA as a dust under Particulates Not Otherwise Regulated (PNOR) or Inert or Nuisance Dust categories utilizing the PEL's in Section II.

**SECTION III - PHYSICAL PROPERTIES****DESCRIPTION**

Gypsum rock is a white to off white mineral which are large rocks to powdered calcium sulfate hemi-hydrate gypsum that may or may not contain trace amounts of other naturally occurring material.

**PHYSICAL DATA**

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**BOILING POINT** - Not Applicable  
**SPECIFIC GRAVITY** - Not Applicable  
**VAPOR PRESSURE (MM OF Mercury)** - Not Applicable  
**VAPOR DENSITY (Air = 1)** - Not Applicable  
**% VOLATILES BY VOLUME** - Not Applicable  
**EVAPORATION RATE (Butyl Acetate = 1)** - Not Applicable  
**SOLUBILITY IN H2O (% BY WT.)** - 0.241 gs/100cc  
**REACTIVITY IN WATER** - None  
**pH** - Not Applicable  
**APPEARANCE AND ODOR** - White, chalky appearance.

**SECTION IV - FIRE AND EXPLOSION DATA**

**FLASH POINT** - Not Applicable  
**AUTO IGNITION TEMPERATURE** - Not Applicable  
**FLAMMABLE LIMITS (% by Volume)** - Not Applicable  
**FIRE EXTINGUISHING MEDIA** - Not Applicable  
**SPECIAL FIRE FIGHTING PROCEDURES** - Not Applicable  
**UNUSUAL FIRE AND EXPLOSION HAZARDS** - Gypsum does not present any unusual fire and explosion hazards.

**SECTION V - HEALTH HAZARD DATA**

**Exposure:** It is recommended that during crushing, grinding, or mechanical distribution appropriate Personal Protective Equipment (PPE) be utilized commensurate with any exposure hazard (eye protection, gloves, long sleeves and pants, respirator). The utilization of side shield safety glasses, NIOSH approved respirator, etc., may be necessary. Inhalation of dust generated could irritate nasal and throat tissues, eyes and skin.

**EMERGENCY FIRST AID PROCEDURES**

**Inhalation, Eyes, Skin** - Remove to fresh air. Irrigate with fresh water for at least 15 minutes. If irritation or other symptoms persist, consult a physician.  
**Ingestion** - Do not ingest.

**SECTION VI - REACTIVITY DATA**

**STABILITY** - Stable  
**CONDITIONS TO AVOID** - High relative humidity can cause caking.  
**INCOMPATIBILITY (materials to avoid)** - None  
**HAZARDOUS DECOMPOSITION PRODUCTS** - None  
**HAZARDOUS POLYMERIZATION** - Will not occur

**SECTION VII - SPECIAL PRECAUTION PROCEDURES**

**PRECAUTIONS AND SAFE HANDLING:** Side shield safety glasses and gloves should be worn when handling the product.  
**STEPS TO BE TAKEN IF SPILLED OR RELEASED:** See above.  
**WASTE DISPOSAL METHOD:** Landfill in accordance with local, state, and federal regulations. This product, under RCRA, is not considered to be hazardous.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION**

Not required for normal handling and use of product. However, the wearing of NIOSH approved breathing protection may be necessary for exposure to dust. Respirators are required if air contaminants exceed OSHA PEL.

**VENTILATION**

Local Exhaust: Necessary to remove dust.

Mechanical: Ventilate to assure dust levels are below OSHA PEL for nuisance dust.

**EYE PROTECTION**

Wear appropriate eye protection, side shields safety goggles if exposure to gypsum dust is possible.

**SECTION IX - REGULATORY INFORMATION**

**CALIFORNIA PROPOSITION 65** - Safe Drinking Water and Toxic Enforcement Act: Title 22 California Code of Regulations California Proposition 65 provides for labeling and disclosure of the presence of a chemical(s) known to the State of California to cause cancer or reproductive toxicity.

**SARA Section 313 Form R:** Chemicals contained within or emitted from this product, in the company's opinion, do not exceed levels set by the Agency that would trigger reporting under this section.

**ODS:** During the manufacture of this product there is no intended use of listed ozone depleting chemicals as defined in applicable EPA regulations.

**IMPORTANT:** *Temple Inland believes the information contained in this MSDS to be accurate at the time of preparation and has been compiled using sources believed to be reliable. It is based on available data and is believed to be correct. However, no warranty, merchantability or fitness for use is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, the potential hazards connected with the use of the material, or that any such use will not infringe any patent. Since the information contained herein may be applied under conditions beyond our control, and with which we may be unfamiliar, we do not assume any responsibility resulting from its use. This information is furnished upon the condition that the person receiving and using it shall make a determination of the suitability of the material for a particular use.*

*It is the responsibility of the user to comply with all Local, State, Provincial, or Federal regulations concerning use of this product. It is the further responsibility of the buyer to research and understand safe methods of use, storage, handling and disposal of this product.*