

pg 1

#62601

MATERIAL SAFETY DATA SHEET

United States Gypsum Company  
101 S. Wacker Drive  
Chicago, IL 60606-4385

Emergency No.: (312) 606-4542 -  
Date Issued: January 1, 1990

SECTION I

PRODUCT: Gypsum Rock and Uncalcined Ground Gypsum Products

Agricultural and Road Bed Gypsum Fines	Industrial Ground Gypsum
Agricultural Gypsum	Ben Franklin* No. 1 Agricultural Gypsum
Agricultural Gypsum Coarse	HYPONEX* Lawn and Garden Gypsum
Agricultural Gypsum Granular	SOF N-SOIL* Gypsum
BEN FRANKLIN* Agricultural Gypsum	US Army No. 1 Ground Gypsum
BEN FRANKLIN* No. 420 Landplaster	USG* 500 Land Plaster
Calcium Sulfate Feed Grade	KB Filler
Calcium Sulfate Feed Grade Coarse	Industrial Ground Gypsum-White
Glass Batch Gypsum	
Industrial Ground Gypsum Coarse	

62601

Crushed Gypsum Rock: No. 1, No. 2, No. 2A, No. 3, No. 4, No. 5, No. 30, No. 125A Anhydrite, No. 225GA, No. 240GA, No. 250GA, No. 260, No. 260GA, No. 350GA, No. 1 Dried Rock

\* - Trademark of United States Gypsum Company or an affiliated company

CHEMICAL FAMILY: Calcium Sulfate Dihydrate

SECTION II  
INGREDIENTS

MATERIAL	%	TLV mg/m3	PEL mg/m3	CAS NO.
Calcium Sulfate	80-100	10	15/5(R)	10101-41-4
Calcium Carbonate (as contaminant)	0-20	10	15/5(R)	1317-65-3

SECTION III  
PHYSICAL DATA

MELTING POINT: 1450°C - decomposes  
SPECIFIC GRAVITY: 2.32 - 2.96  
SOLUBILITY IN WATER: 0.2%  
APPEARANCE AND ODOR: Off-white to white powder or lump rock; low odor.

66 62601

Pg 2

SECTION IV  
FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): None  
EXTINGUISHING MEDIA: Not combustible  
SPECIAL FIRE FIGHTING PROCEDURES: None  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V  
HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

ACUTE:

EYES: Particles may cause irritation.

SKIN: This material is not toxic. No toxic effects from powdered gypsum are noticed where air contains contaminate to excess. May dry skin.

INHALATION: Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions such as coughing, sneezing and nasal irritation from dust.

INGESTION: None known.

CHRONIC: None known.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water to remove particles. If irritation continues, see Physician.

SKIN: Wash with water.

INHALATION: Remove to fresh air.

INGESTION: None Known.

TARGET ORGANS: Lungs.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED: Pre-existing upper respiratory and lung disease such as, but not limited to, bronchitis, emphysema and asthma.

PRIMARY ROUTE OF ENTRY: Inhalation.

CARCINOGENICITY OF INGREDIENTS:

MATERIAL  
All

IARC  
Not listed

NTP  
Not Listed

OSHA  
Not Listed

SECTION VI  
REACTIVITY DATA

STABILITY:

Stable.

INCOMPATIBILITY:

Acids

HAZARDOUS DECOMPOSITION PRODUCTS: Above 1450C - SO2 & CaO

HAZARDOUS POLYMERIZATION:

Will not occur

62601

pg 3

SECTION VII  
SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep or vacuum material from spillage into a waste container for disposal. Avoid dusting conditions.

WASTE DISPOSAL METHOD: This material can be disposed of as inert solid in a landfill or by other procedures which are accepted under federal, state and local regulations.

SECTION VIII  
SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Provide general ventilation and local exhaust ventilation to meet TLV requirements. When dusty condition exists, wear an approved dust mask to guard against nuisance particles.

PROTECTIVE EQUIPMENT: Gloves or protective clothing are usually not necessary but may be desirable in specific work situations. Eye protection (goggles) may be needed to avoid particulate irritation of the eye.

SECTION IX  
SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Be sure proper ventilation and respiratory and eye protection are used under dusting conditions.

LABEL LANGUAGE:

INGREDIENTS: Contains calcium sulfate (CAS # 10101-41-4).

CAUTION: While handling, wear a NIOSH approved dust mask. The use of safety glasses is recommended.

PRODUCT SAFETY INFORMATION: 312-606-4542

KEEP OUT OF REACH OF CHILDREN.