UNITED STATES GYPSUM -- LOW EXPANSION ULTRACAL 30
MATERIAL SAFETY DATA SHEET
NSN: 561000F027978
Manufacturer's CAGE: 61357
Part No. Indicator: A
Part Number/Trade Name: LOW EXPANSION ULTRACAL 30

General Information

Company's Name: UNITED STATES GYPSUM COMPANY
Company's Street: 125 S FRANKLIN ST
Company's City: CHICAGO
Company's State: IL
Company's Country: US
Company's Zip Code: 60606-4678
Company's Emerg Ph #: 312-606-4542
Company's Info Ph #: 312-606-4542
Record No. For Safety Entry: 001
Total Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 07AUG92
Safety Data Review Date: 28JUN93
Preparer's Company: UNITED STATES GYPSUM COMPANY
Preparer's St Or P. O. Box: 125 S FRANKLIN ST
Preparer's City: CHICAGO
Preparer's State: IL
Preparer's Zip Code: 60606-4678
MSDS Serial Number: BRCXB

Ingredients/Identity Information

Proprietary: NO
Ingredient: PLASTER OF PARIS; GYPSUM HEMIHYDRATE
Ingredient Sequence Number: 01
Percent: 90-100
NIOSH (RTECS) Number: TP0700000
CAS Number: 25499-65-0
OSHA PEL: 10 MG/CUM
ACGIH TLV: 15/5 MG/CUM

Proprietary: NO
Ingredient: PORTLAND CEMENT, CONTAINS: TRICALCICUM SILICATE, DICALCICUM
SILICATE, TRICALCICUM ALUMINATE, TETRICALCUM ALUMINOFERRATE
Ingredient Sequence Number: 02
Percent: 0-8
NIOSH (RTECS) Number: VV8770000
CAS Number: 65997-15-1
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9293
Other Recommended Limit: 50 MPPCF (MSHA)

Proprietary: NO
Ingredient: NAPHTHALENESULFONIC ACID, FORMALDEHYDE POLYMER, AMMONIUM SALT
Ingredient Sequence Number: 03
Percent: 0-4
NIOSH (RTECS) Number: 1009632NA
CAS Number: 9069-80-1

Proprietary: NO
Ingredient: POLYVINYL ALCOHOL
Ingredient Sequence Number: 04
Percent: 0-4
NIOSH (RTECS) Number: TR8100000
CAS Number: 9002-89-5
Proprietary: NO
Ingredient: CARRAGEENAN 
Ingredient Sequence Number: 12
Percent: 0-0.6
NIOSH (RTECS) Number: NY6575000
CAS Number: 9003-27-8
OSHA PEL: 15 MG/CUM
ACGIH TLV: 10 MG/CUM TOTAL DUST
Other Recommended Limit: NUISANCE PARTICULATE

Proprietary: NO
Ingredient: METAL OXIDE
Ingredient Sequence Number: 07
Percent: 0-2
NIOSH (RTECS) Number: NO7400000
CAS Number: 7788-80-5

Proprietary: NO
Ingredient: POTASSIUM SULFATE
Ingredient Sequence Number: 07
Percent: 0-1
NIOSH (RTECS) Number: TT5900000
CAS Number: 7778-80-5

Proprietary: NO
Ingredient: HYDROLYZED PROTEIN
Ingredient Sequence Number: 08
NIOSH (RTECS) Number: 1009233HP

Proprietary: NO
Ingredient: ALUMINUM (POWDER)
Ingredient Sequence Number: 09
Percent: 0-1
NIOSH (RTECS) Number: BD0330000
CAS Number: 7429-90-5
OSHA PEL: 15 MG/CUM
ACGIH TLV: 10 MG/CUM (DUST)

Proprietary: NO
Ingredient: POTASSIUM SODIUM TARTRATE *92-2*
Ingredient Sequence Number: 10
Percent: 0-0.8
NIOSH (RTECS) Number: 1004068PS
CAS Number: 304-59-6

Proprietary: NO
Ingredient: NAPHTHALENESULFONIC ACID, POLYMER W/FORMALDEHYDE, POTASSIUM SALT
Ingredient Sequence Number: 11
Percent: 0-0.6
NIOSH (RTECS) Number: 1009634NA
CAS Number: 9069-79-8

Proprietary: NO
Ingredient: PETROLEUM DISTILLATE - STRAIGHT RUN MIDDLE
Ingredient Sequence Number: 12
Percent: 0-0.6
NIOSH (RTECS) Number: PY8041500
CAS Number: 64741-89-5
OSHA PEL: 5 MG/CUM (MIST)
ACGIH TLV: 5 MG/CUM (MIST)
Proprietary: NO
Ingredient: MEALMINE, FORMALDEHYDE POLYMER, METHYLATED
Ingredient Sequence Number: 13
Percent: 0-0.5
NIOSH (RTECS) Number: 1009635MF
CAS Number: 68002-20-0

Proprietary: NO
Ingredient: CITRIC ACID
Ingredient Sequence Number: 14
Percent: 0-0.5
NIOSH (RTECS) Number: GE7350000
CAS Number: 77-92-9

Proprietary: NO
Ingredient: AMMONIUM CHLORIDE
Ingredient Sequence Number: 15
Percent: 0-0.4
NIOSH (RTECS) Number: BP4550000
CAS Number: 12125-02-9
OSHA PEL: 10 MG/CUM
ACGIH TLV: 10 MG/CUM

Proprietary: NO
Ingredient: DOUBLE HYDRATED DOLOMITIC LIME
Ingredient Sequence Number: 16
Percent: 0-0.4
NIOSH (RTECS) Number: 1004915DL
CAS Number: 39445-23-3
OSHA PEL: 5 MG/CUM (TRACE)
ACGIH TLV: 5 MG/CUM (TRACE)

Proprietary: NO
Ingredient: ALUMINUM SULFATE.
Ingredient Sequence Number: 17
Percent: 0-0.3
NIOSH (RTECS) Number: BD1700000
CAS Number: 10043-01-3
OSHA PEL: 2 MG/CUM (TRACE)
ACGIH TLV: 2 MG/CUM (TRACE)

Proprietary: NO
Ingredient: SUCCINIC ANHYDRIDE; SUCCINYL OXIDE; BUTANEDIOIC ANHYDRIDE
Ingredient Sequence Number: 18
Percent: 0-1
NIOSH (RTECS) Number: WN0875000
CAS Number: 108-30-5

Proprietary: NO
Ingredient: TRIBUTYL PHOSPHATE
Ingredient Sequence Number: 19
Percent: 0-0.1
NIOSH (RTECS) Number: TC7700000
CAS Number: 126-73-8
OSHA PEL: 5 MG/M3
ACGIH TLV: 0.2 PPM; 9293
Other Recommended Limit: 0.2 PPM

Proprietary: NO
Ingredient: HYDROXYPROPYL METHYCELLULOSE
Ingredient Sequence Number: 20
Percent: 0-TRACE
NIOSH (RTECS) Number: NF9125000
CAS Number: 9004-65-3
Physical/Chemical Characteristics

Appearance And Odor: WHITE POWDER W/LOW ODOR
Specific Gravity: 2.7–3
Decomposition Temperature: 1450C
Solubility In Water: 0.2%

Fire and Explosion Hazard Data

Flash Point: NONE
Extinguishing Media: NOT COMBUSTIBLE

Reactivity Data

Stability: YES
Materials To Avoid: ACIDS
Hazardous Decomp Products: ABOVE 1450C GENERATES CALCIUM OXIDE & SULFUR DIOXIDE
Hazardous Poly Occur: NO

Health Hazard Data

Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: EYES: IRRITATION. SKIN: BURNS & DRYNESS. INHALATION: COUGHING, SNEEZING, & NASAL IRRITATION.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Med Cond Aggravated By Exp: UPPER RESPIRATORY & LUNG DISEASE SUCH AS BRONCHITIS, EMPHYSEMA & ASTHMA
Emergency/First Aid Proc: EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: PLASTER HARDENS WHEN WETTED & IF INGESTED, MAY RESULT IN OBSTRUCTION. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SWEEP OR VACUUM MATERIAL FROM SPILLAGE INTO WASTE CONTAINER FOR DISPOSAL. AVOID DUSTING CONDITIONS. IF WASHED DOWN, MAY PLUG DRAINS. IF ALREADY MIXED W/WATER, SCRAPE UP & WASH DOWN RESIDUE.
Waste Disposal Method: THIS MATERIAL CAN BE DISPOSED OF AS INERT SOLID IN A LANDFILL OR BY OTHER PROCEDURES IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.
Precautions-Handling/Storing: BE SURE PROPER VENTILATION & RESPIRATORY & EYE PROTECTION ARE USED INDUSTRY CONDITIONS.

Control Measures

Respiratory Protection: WHEN DUSTY CONDITION EXISTS, WEAR APPROVED DUST MASK TO GUARD AGAINST NUISANCE PARTICLES.
Ventilation: GENERAL & LOCAL EXHAUST TO KEEP BELOW TLV REQUIREMENTS
Protective Gloves: AS REQUIRED
Eye Protection: GOGGLES
Suppl. Safety & Health Data: WHEN MIXED W/WATER, THIS MATERIAL HARDENS & THEN SLOWLY BECOMES HOT. DON'T ATTEMPT TO MAKE A CAST ENCLOSING ANY PART OF THE BODY. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE SEVERE BURNS THAT MAY REQUIRE SURGICAL REMOVAL OF AFFECTED TISSUE.

Transportation Data

Disposal Data
Label Data

Label Required: YES
Label Status: G
Common Name: LOW EXPANSION ULTRACAL 30
Special Hazard Precautions: EYES: IRRITATION. SKIN: BURNS & DRYNESS. INHALATION: COUGHING, SNEEZING, & NASAL IRRITATION. N/K
Label Name: UNITED STATES GYPSUM COMPANY
Label Street: 125 S FRANKLIN ST
Label City: CHICAGO
Label State: IL
Label Zip Code: 60606-4678
Label Country: US
Label Emergency Number: 312-606-4542