

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

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General Information
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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
Tot 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

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: PLASTER OF PARIS; GYPSUM HEMIHYDRATE
Ingredient Sequence Number: 01
Percent: 90-100
NIOSH (RTECS) Number: TP0700000
CAS Number: 26499-65-0
OSHA PEL: 10 MG/CUM
ACGIH TLV: 15/5 MG/CUM

Proprietary: NO
Ingredient: PORTLAND CEMENT, CONTAINS: TRICALCIUM SILICATE, DICALCIUM
SILICATE, TRICALCIUM ALUMINATE, TETRACALCIUM 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: STARCH
Ingredient Sequence Number: 05
Percent: 0-2
NIOSH (RTECS) Number: GM5090000
CAS Number: 9005-25-8
OSHA PEL: 15 MG/CUM
ACGIH TLV: 10 MG/CUM TOTAL DUST
Other Recommended Limit: NUISANCE PARTICULATE

Proprietary: NO
Ingredient: RED IRON OXIDE/IRON (III) OXIDE/FERRIC OXIDE/YELLOW FERRIC
OXIDE/METAL OXIDE/YELLOW IRON OXIDE/IRON OXIDE PIGMENT/IRON
Ingredient Sequence Number: 06
Percent: 0-2
NIOSH (RTECS) Number: NO7400000
CAS Number: 1309-37-1
OSHA PEL: 10 MG/M3 (FE)
ACGIH TLV: 5 MG/M3(FE),B2; 9293

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 - STREIGHT 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: MELAMINE, 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 CONDITIIONS.

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

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Label Data
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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