

UNITED STATES GYPSUM -- STRUCTO-LITE GYPSUM PLASTER FOR MASONRY BASES  
MATERIAL SAFETY DATA SHEET  
NSN: 561000N048335  
Manufacturer's CAGE: 61357  
Part No. Indicator: A  
Part Number/Trade Name: STRUCTO-LITE GYPSUM PLASTER FOR MASONRY BASES

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General Information  
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Company's Name: UNITED STATES GYPSUM CO  
Company's Street: 101 S WACKER DR  
Company's City: CHICAGO  
Company's State: IL  
Company's Country: US  
Company's Zip Code: 60606-4385  
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: SMJ  
Date MSDS Prepared: 27JUN90  
Safety Data Review Date: 09FEB94  
MSDS Serial Number: BTYQF  
Hazard Characteristic Code: NK

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: SULFURIC ACID, CALCIUM SALT (1:1); (PLASTER OF PARIS)  
Ingredient Sequence Number: 01  
Percent: 70-100  
NIOSH (RTECS) Number: WS6920000  
CAS Number: 7778-18-9  
OSHA PEL: 15 MG/M3 TDUST  
ACGIH TLV: 10 MG/M3 TDUST

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Proprietary: NO  
Ingredient: SILICA, CRYSTALLINE - QUARTZ; (SILICA SAND)  
Ingredient Sequence Number: 02  
Percent: 0-20  
NIOSH (RTECS) Number: VV7330000  
CAS Number: 14808-60-7  
OSHA PEL: 0.1 MG/M3 RDUST(MFR)  
ACGIH TLV: 0.1 MG/M3 RDUST  
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Proprietary: NO  
Ingredient: PERLITE  
Ingredient Sequence Number: 03  
Percent: 0-30  
NIOSH (RTECS) Number: SD5254000  
CAS Number: 93763-70-3  
OSHA PEL: 15 MG/M3 RDUST (MFR)  
ACGIH TLV: 10 MG/M3 (MFR)

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Proprietary: NO  
Ingredient: CELLULOSE; (WOOD FIBER)  
Ingredient Sequence Number: 04  
Percent: 0-1  
NIOSH (RTECS) Number: FJ5691460  
CAS Number: 9004-34-6  
OSHA PEL: 15 MG/M3 TDUST  
ACGIH TLV: 10 MG/M3

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Proprietary: NO  
Ingredient: HYDROLYZED PROTEIN (MFR CAS NO:65997-21-9)  
Ingredient Sequence Number: 05  
Percent: 0-0.5  
NIOSH (RTECS) Number: 1009233HP  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Proprietary: NO  
Ingredient: LIME (HYDRATED)  
Ingredient Sequence Number: 06  
Percent: 0-0.3  
NIOSH (RTECS) Number: 1010527LH  
CAS Number: 39445-23-3  
OSHA PEL: 5 MG/M3 TDUST (MFR)  
ACGIH TLV: 5 MG/M3 TDUST (MFR)

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Proprietary: NO  
Ingredient: POTASSIUM SULFATE (2:1)  
Ingredient Sequence Number: 07  
Percent: 0-0.25  
NIOSH (RTECS) Number: TT5900000  
CAS Number: 7778-80-5  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Proprietary: NO  
Ingredient: SODIUM RESINATE ROSIN SOAP

Ingredient Sequence Number: 08  
Percent: 0-0.25  
NIOSH (RTECS) Number: 1010815SR  
CAS Number: 61790-45-2  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Proprietary: NO  
Ingredient: ANIMAL FIBER  
Ingredient Sequence Number: 09  
Percent: 0-0.25  
NIOSH (RTECS) Number: 1010808AF  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Physical/Chemical Characteristics  
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Appearance And Odor: OFF WHITE TO WHITE POWDER; LOW ODOR.  
Specific Gravity: 2.6-2.7(H\*20=1)  
Solubility In Water: 0.2-0.25%

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Fire and Explosion Hazard Data  
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Flash Point: NONE  
Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).  
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire And Expl Hazrds: NONE

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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.  
Materials To Avoid: ACIDS.  
Hazardous Decomp Products: ABOVE 1400C - SO\*2 & CAO.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data  
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: ACUTE:EYES:PARTICLES MAY CAUSE IRRITATION.  
SKIN:WHEN MIXED W/WATER, THIS MATL HARDENS & THEN SLOWLY BECOMES HOT. DO

NOT ATTEMPT TO MAKE CAST ENCLOSING ANY PART OF BODY. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE SEVERE BURNS THAT MAY REQUIRE SURGICAL REMOVAL OF AFFECTED TISSUE. MAY DRY SKIN. INHAL:(EFTS OF OVEREXP)

Carcinogenicity - NTP: YES

Carcinogenicity - IARC: YES

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: SILICA, CRYSTALLINE-QUARTZ:IARC MONOGRAPHS, SUPP, VOL 7, PG 341, 1987:GRP 2A. NTP 6TH ANNUAL REPORT ON CARCINS, (SUPDAT)

Signs/Symptoms Of Overexp: HLTH HAZ:BREATHING OF MIXING DUST MAY CAUSE PLASTER HARDENS WHEN INGESTED & MAY RESULT IN OBSTRUCTION. CHRONIC:NONE KNOWN. TARGET ORGANS:LUNGS.

Med Cond Aggravated By Exp: PRE-EXISTING UPPER RESPIRATORY & LUNG DISEASE SUCH AS, BUT NOT LIMITED TO, BRONCHITIS, EMPHYSEMA & ASTHMA.

Emergency/First Aid Proc: EYE:FLUSH PARTICLES FROM EYES W/WATER FOR AT LEAST 15 MINUTES. IF IRRITATION CONTINUES, SEE MD. SKIN:WASH W/WATER. INHAL:REMOVE FROM EXPOSURE. INGEST:CALL MD.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SWEEP UP. AVOID CREATING EXCESSIVE DUST. MAY PLUG DRAINS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: TO SANITARY LANDFILL I/A/W LOCAL, STATE & FEDERAL REGULATIONS.

Precautions-Handling/Storing: DEW POINT CONDITIONS, OR OTHER CONDITIONS CAUSING PRESSURE OF LIQUID WATER, WILL HARDEN PLASTER DURING STORAGE.

Other Precautions: USE PROPER VENTILATION & NIOSH/MSHA APPROVED RESPIRATORY & EYE PROTECTION UNDER DUSTING CONDITIONS.

Control Measures

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR IF ABOVE TLV.

Ventilation: GENERAL MECHANICAL.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPROVED CHEM WORK GOGGLES (FP N).

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: EXPLAN OF CARCIN:1991:ANTICIPATED TO BE CARCINOGEN.

Transportation Data

Disposal Data

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Label Data  
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Label Required: YES  
Technical Review Date: 09FEB94  
Label Date: 02FEB94  
Label Status: G  
Common Name: STRUCTO-LITE GYPSUM PLASTER FOR MASONRY BASES  
Chronic Hazard: YES  
Signal Word: CAUTION!  
Acute Health Hazard-Slight: X  
Contact Hazard-Slight: X  
Fire Hazard-None: X  
Reactivity Hazard-None: X  
PARTICLES MAY CAUSE IRRITATION. SKIN:WHEN MIXED W/WATER, THIS MATL HARDENS & THEN SLOWLY BECOMES HOT. DO NOT ATTEMPT TO MAKE CAST ENCLOSING ANY PART OF BODY. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE SEVERE BURNS THAT BREATHING OF MIXING DUST MAY CAUSE IRRITATION TO EYES, NOSE, THROAT OR UPPER RESPIRATORY SYSTEM. INGEST:PLASTER HARDENS WHEN WETTED & IF SWALLOWED MAY CAUSE OBSTRUCTION. CHRONIC:CANCER HAZARD. CONTAINS CRYSTALLINE SILICA - QUARTZ WHICH IS LISTED AS A CARCINOGEN (FP N).  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y  
Label Name: UNITED STATES GYPSUM CO  
Label Street: 101 S WACKER DR  
Label City: CHICAGO  
Label State: IL  
Label Zip Code: 60606-4385  
Label Country: US  
Label Emergency Number: 312-606-4542