

## **LOW EXPANSION MERCURY MODEL PLASTER**

### **MSDS Number**

BRCXG

### **National Stock Number**

5610-00F027982

### **Product Name**

LOW EXPANSION MERCURY MODEL PLASTER

### **Manufacturer**

UNITED STATES GYPSUM COMPANY

### **Product Identification**

Product ID:LOW EXPANSION MERCURY MODEL PLASTER

MSDS Date:08/07/1992

FSC:5610

NIIN:00F027982

MSDS Number: BRCXG

### **Responsible Party**

UNITED STATES GYPSUM COMPANY

125 S FRANKLIN ST

CHICAGO , IL 60606-4678

US

Emergency Phone: 312-606-4542

Info Phone: 312-606-4542

Cage: 61357

### **Contractor**

UNITED STATES GYPSUM CO

CHICAGO, IL 60606-4302

US

312-606-4000 (EMERG /4542)

Cage: 61357

### **Ingredients**

TRICALCIUM SILICATE, DICALCIUM

CAS: 65997-15-1

RTECS: VV8770000

Fraction By Weight: 0-8%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

NAPTHALENESULFONIC ACID, FORMALDEHYDE POLYMER, AMMONIUM

CAS: 9069-80-1

Fraction By Weight: 0-4%

POLYVINYL ALCOHOL

CAS: 9002-89-5

RTECS: TR8100000

Fraction By Weight: 0-4%

STARCH

CAS: 9005-25-8

RTECS: GM5090000

Fraction By Weight: 0-2%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM TOTAL DUST

RED IRON OXIDE/IRON (III) OXIDE/FERRIC OXIDE/YELLOW FERRIC

CAS: 1309-37-1

RTECS: NO7400000

Fraction By Weight: 0-20%

OSHA PEL10 MG/M3 (FE)

ACGIH TLV: 5 MG/M3(FE),B2; 9293

POTASSIUM SULFATE

CAS: 7778-80-5

RTECS: TT5900000

Fraction By Weight: 0-1.5%

HYDROLYZED PROTEIN

ALUMINUM (POWDER)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 0-1.7%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM (DUST)

POTASSIUM SODIUM TARTRATE \*92-2\*

CAS: 304-59-6

Fraction By Weight: 0-0.8%

NAPTHALENESULFONIC ACID, POLYMER W/FORMALDEHYDE, POTASSIUM

CAS: 9069-79-8

Fraction By Weight: 0-0.6%

PETROLEUM DISTILLATE - STREIGHT RUN MIDDLE

CAS: 64741-89-5

RTECS: PY8041500

Fraction By Weight: 0-0.6%

OSHA PEL5 MG/CUM (MIST)

ACGIH TLV: 5 MG/CUM (MIST)

MELAMINE, FORMALDEHYDE POLYMER, METHYLATED

CAS: 68002-20-0

Fraction By Weight: 0-0.5%

CITRIC ACID

CAS: 77-92-9

RTECS: GE7350000

Fraction By Weight: 0-0.5%

AMMONIUM CHLORIDE

CAS: 12125-02-9

RTECS: BP4550000

Fraction By Weight: 0-0.4%

OSHA PEL10 MG/CUM

ACGIH TLV: 10 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

DOUBLE HYDRATED DOLOMITIC LIME

CAS: 39445-23-3

Fraction By Weight: 0-0.4%

OSHA PEL5 MG/CUM (TRACE)

ACGIH TLV: 5 MG/CUM (TRACE)

ALUMINUM SULFATE

CAS: 10043-01-3

RTECS: BD1700000

Fraction By Weight: 0-0.3%

OSHA PEL2 MG/CUM (TRACE)

ACGIH TLV: 2 MG/CUM (TRACE)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SUCCINIC ANHYDRIDE; SUCCINYL OXIDE; BUTANEDIOIC ANHYDRIDE

CAS: 108-30-5

RTECS: WN0875000

Fraction By Weight: 0-1%

#### TRIBUTYL PHOSPHATE

CAS: 126-73-8

RTECS: TC7700000

Fraction By Weight: 0-0.1%

OSHA PEL5 MG/M3

ACGIH TLV: 0.2 PPM; 9293

#### HYDROXYPROPYL METHYCELLULOSE

CAS: 9004-65-3

RTECS: NF9125000

Fraction By Weight: 0%-TRACE

#### PLASTER OF PARIS; GYPSUM HEMIHYDRATE

CAS: 26499-65-0

RTECS: TP0700000

Fraction By Weight: 90-100%

OSHA PEL10 MG/CUM

ACGIH TLV: 15/5 MG/CUM

### Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: BURNS & DRYNESS. INHALATION: COUGHING, SNEEZING, & NASAL IRRITATION.

Explanation of Carcinogenicity:NONE

Medical Cond Aggravated by Exposure:UPPER RESPIRATORY & LUNG DISEASE SUCH AS BRONCHITIS, EMPHYSEMA & ASTHMA

### First Aid

First Aid: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 CA SES.

### Fire Fighting

Flash Point:NONE

Extinguishing Media:NOT COMBUSTIBLE

### Accidental Release

Spill Release Procedures: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.

### Handling

Handling and Storage Precautions:BE SURE PROPER VENTILATION & RESPIRATORY & EYE PROTECTION ARE USED INDUSTRY CONDITIONS.

### Exposure Controls

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

#### Supplemental Safety and Health

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.

### Chemical Properties

Decomp Temp:Decomp Text:1450C

Spec Gravity:2.7-3

Solubility in Water:0.2%

Appearance and Odor:WHITE POWDER W/LOW ODOR

### Stability

Stability Indicator/Materials to Avoid:YES

ACIDS

Hazardous Decomposition Products:ABOVE 1450C GENERATES CALCIUM OXIDE &  
SULFUR DIOXIDE

### Disposal

Waste Disposal Methods:THIS MATERIAL CAN BE DISPOSED OF AS INERT SOLID  
IN A LANDFILL OR BY OTHER PROCEDURES IN ACCORDANCE W/FEDERAL,  
STATE, & LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.