

COECAL 105

MSDS Number

BRCXS

National Stock Number

5610-00F027992

Product Name

COECAL 105

Manufacturer

UNITED STATES GYPSUM COMPANY

Product Identification

Product ID: COECAL 105

MSDS Date: 08/07/1992

FSC: 5610

NIIN: 00F027992

MSDS Number: BRCXS

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

NAPHTHALENESULFONIC 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%

NAPHTHALENESULFONIC 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.

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