



C.A.

AUG 20 1991

MATERIAL SAFETY DATA SHEET

GYPSUM PRODUCTS #0068

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME AND SYNONYMS: See attached list of products covered by this MSDS, #0068.

CAS NAME AND NO: Mixture

CHEMICAL FAMILY: Not Applicable

CHEMICAL FORMULA: Not Applicable

MANUFACTURER'S NAME AND ADDRESS:

Georgia-Pacific Corporation
2861 Miller Road
Decatur, GA 30035

EMERGENCY TELEPHONE NO.: (404) 987-5190 or
(800) 424-9300 CHEMTREC

SECTION II - HAZARDOUS INGREDIENTS

COMPONENT (CAS Registry No.)	WT. %	ACGIH TLV ^R (TWA)	OSHA PEL (TWA)
Gypsum/Calcium Sulfate (7778-18-9)** or Limestone/Calcium Carbonate (1317-65-3)**	49-99.5	*10 mg/M ³	15 mg/M ³ (1) 5 mg/M ³ (2)
Perlite (No CAS #)	0-14	*10 mg/M ³	15 mg/M ³ (3) 5 mg/M ³ (2)
Portland Cement (65997-15-1)	0-49	*10 mg/M ³	10 mg/M ³ (1) 5 mg/M ³ (2)
Starch (9005-25-8)	0-4	*10 mg/M ³	15 mg/M ³ (1) 5 mg/M ³ (2)

* total dust containing no asbestos and < 1.0% free crystalline silica

** gypsum and limestone may contain crystalline silica as trace, naturally occurring contaminant; usually present at < 1.0%.

(1) Total dust.

(2) Respirable dust.

(3) Value is for total particulate containing < 1.0% quartz.

SECTION III - PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Whitish, grey or buff powder; low odor.

MOLECULAR WEIGHT: Not Applicable

BOILING POINT (DEGREES FAHRENHEIT): Not Applicable

MELTING POINT (DEGREES FAHRENHEIT): Not Applicable (Ground gypsum decomposes at 1450°C to CaO and SO₃)

VAPOR PRESSURE (MM. OF MERCURY): Not Applicable

SPECIFIC GRAVITY (WATER = 1): .04 - 2.7

VAPOR DENSITY (AIR = 1): Not Applicable

PERCENT VOLATILE (BY WEIGHT): Not Applicable

pH: Products with Portland cement, calcium hydroxide or high limestone content: 8.5 - 10
Other products with high gypsum content: 7 - 8

SOLUBILITY IN WATER: 0 - .2% @ 40°C

EVAPORATION RATE (BUTYL ACETATE = 1): Not Applicable

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: Not Applicable

FIRE EXTINGUISHING MEDIA: Non-combustible

FLAMMABLE LIMITS (PERCENT BY VOLUME): LOWER UPPER
N/A N/A

SPECIAL FIRE FIGHTING PROCEDURES & EQUIPMENT: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V - REACTIVITY DATA

STABILITY: UNSTABLE _____ STABLE X

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: None (Ground gypsum: CaO and SO₃)

HAZARDOUS POLYMERIZATION: WILL OCCUR _____ WILL NOT OCCUR X

CONDITIONS TO AVOID: None

SECTION VI - HEALTH HAZARD INFORMATION**EFFECTS OF OVEREXPOSURE:** This material is not known to be toxic.

Persons exposed to large amounts of dust may be forced to leave area because of nuisance conditions, including coughing, sneezing and nasal irritation. Other temporary effects may include:

- skin - May develop enough heat to cause burns if large mass is in contact with skin during hardening (hydration); may dry skin.
- eyes - Particles may cause irritation.

PROBABLE ROUTES OF EXPOSURE: Inhalation, skin, eyes.**EMERGENCY AND FIRST AID PROCEDURES:**

INGESTION: Product may harden on contact with water. May result in obstruction if ingested. See physician.

INHALATION: Remove to fresh air.

EYE CONTACT: Remove contact lenses. Rinse eyes with plenty of running water for 10-15 minutes, including under eyelids. If irritation occurs, contact physician.

SKIN CONTACT: Wash promptly with water. If irritation occurs, contact physician.

SECTION VII - TOXICITY DATA

ORAL: Not available

DERMAL: Not available

INGESTION, INHALATION AND EYE CONTACT: Prolonged exposure to Portland cement dust can irritate the eyes and nose and cause dermatitis. Portland cement is a primary irritant and may be complicated in some instances by a secondary contact sensitivity to hexavalent chromium which is present in low concentrations.

CARCINOGENICITY: The gypsum used in these products may contain natural, trace amounts of crystalline silica (usually less than 1.0%). Some of the dust created by cutting, trimming, or processing of the product may contain low concentrations of silica, some of which may be respirable. Prolonged exposure to crystalline silica has been known to cause silicosis, a lung disease which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the

severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

Crystalline silica has been classified by the International Agency for Research on Cancer (IARC) as a probable human carcinogen (group 2A) with animal evidence sufficient. It is not considered to be a human carcinogen by the National Toxicology Program (NTP), the American Conference of Governmental Industrial Hygienists (ACGIH) or the Occupational Safety and Health Administration (OSHA).

OTHER PERTINENT DATA: None

SECTION VIII - SPECIAL PROTECTION INFORMATION**PERSONAL PROTECTIVE EQUIPMENT**

PROTECTIVE GLOVES: May be desirable under certain working conditions or to protect against drying of hands.

EYE PROTECTION: Close-fitting eye goggles as appropriate for nuisance dust.

RESPIRATORY PROTECTION (SPECIFY TYPE): Wear NIOSH-approved respirator as appropriate for nuisance dust, especially when sanding, dry grinding, crushing and milling.

Where applicable, use wet sponging in lieu of dry sanding whenever possible.

OTHER PROTECTIVE EQUIPMENT: Not Applicable

VENTILATION

LOCAL EXHAUST: Ventilation at mixer or elsewhere, as appropriate to minimize dust conditions.

MECHANICAL (GENERAL): Not Applicable

SPECIAL: Not Applicable

OTHER: Not Applicable

SECTION IX - SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep or vacuum spilled material into a waste container for disposal. Avoid creating excessive dust. Wear approved respirators if necessary. Do not wash down drains - may plug drains.

WASTE DISPOSAL METHODS: May be disposed of as inert solid in sanitary landfill or by other procedures in accordance with all federal, state and local regulations.

CLEAN WATER ACT REQUIREMENTS: Not Applicable

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS: Not Applicable

FDA: Product is manufactured for use as building construction material or other industrial applications. As such, FDA regulations are not deemed applicable.

USDA: Not Applicable

CPSC: Not Applicable

TSCA: Product is a mixture, and therefore is not subject to TSCA reporting requirements.

DOT: Non-regulated

PROPER SHIPPING NAME: Not Applicable

HAZARD CLASS: Not Applicable

LABEL REQUIRED: Not Applicable

IDENTIFICATION NO.: Not Applicable

OTHER PERTINENT INFORMATION: Not Applicable

SECTION XI - SPECIAL PRECAUTIONS AND COMMENTS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Be sure proper ventilation and respiratory and eye protection are used under dusting conditions.

Dew point conditions or other conditions causing presence of moisture will harden gypsum cement during storage.

OTHER PRECAUTIONS: Excessive particulate in workplace air should be avoided. Where applicable, use wet sponging in lieu of dry sanding whenever possible.

REGISTRATION/CERTIFICATIONS: Not Applicable

EFFECTIVE DATE: 4/8/91

SUPERSEDES: 4/18/89

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. GEORGIA-PACIFIC MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND DATA HEREIN. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED. Georgia-Pacific will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

G-P JOINT SYSTEMS PRODUCT

Speed Set²
 Easy Sanding Speed Set²

G-P PLASTER PRODUCTS

Accelerator
 Agricultural Gypsum
 Basecoat Plaster
 BESTROCK¹
 Cement Rock
 CERTROCK¹
 Crayon Plaster
 Crushed Gypsum Rock
 DENSFLOR¹
 DENSCAL¹ Plasters (all types except Denscal HP)
 DENSITE¹ Plasters (all types including K-5, K-6, K-7, K-8, K-11,
 K-12, K-13, K-16, K-25, K-33, K-34, K-36 and K-40)
 Fibered Basecoat Plaster
 Floor Preparation Plaster
 Gauging Plaster
 Ground Gypsum
 Gypcrete Floor Underlayment
 Gypsum S.A.
 High Strength Molding Plaster
 Impression Plaster
 Industrial Molding Plaster
 Laboratory Plaster
 Land Plaster
 LITE-MIX¹ Plasters (fibered and unfibered)
 Metal Casting Plaster 409
 Metal Casting Plaster 410
 Metal Casting Plaster 412
 METRO-MIX²
 Molding Plaster
 Plate Glass Stucco
 POLYCAST² Plaster
 Potter Plaster (K-55, K-56, K-58, K-59, K-60, K-62 and K-64)
 Road Plaster
 Sodium Citrate Retarder
 Specialty Plaster (all types)
 Statuary Casting Plaster
 Stucco
 SUNFLOWER¹ Molding Plaster
 Super Anhydrite (SA)
 Terra Alba
 White Molding Plaster
 Wonder Patch

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