SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME AND SYNONYMS:  
Georgia-Pacific Corporation  
Pool Clay Co.  
6779 Pool Rd  
CPR, WI 53508-9743

MATERIAL SAFETY DATA SHEET  
Product Number  
Sunflower Molding  
MAR 23 1993

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME AND SYNONYMS: Gypsum; Molding Plaster; Denscal WH; Speed Set; Gauging Plaster; Sunflower Molding; Base Denscal; K-59 Pottery Plaster; Casting Plaster; Statuary Casting Plaster; Casting or Holding Plaster, Slow Set; Oil Well Denscal; K-6 Base Dense; Regular Statuary Casting Plaster; Statuary Plaster for K.S.H., Inc., Statuary Plaster #1; K-56 and K-58 Pottery Plaster; Lexco Plaster; Gauging Plaster, Slow Set; Class Fibered Plaster; Le-75 (Molding) Plaster; Statuary Plaster; White Molding Plaster, Fast Set; Plaster of Paris

CAS NAME AND NO.: Calcium Sulfate Hemi-Hydrate: CAS #10034-76-1

CHEMICAL FAMILY: Calcium Sulfate Hemi-Hydrate

CHEMICAL FORMULA: CaSO₄ - 1/2 H₂O

MANUFACTURER'S NAME AND ADDRESS:

Georgia-Pacific Corporation  
2861 Miller Road  
Decatur, Georgia  30035

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

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>% (WT OR VOL)</th>
<th>ACGIH TWA (UNITS)</th>
<th>ACGIH STEL (UNITS)</th>
<th>OSHA PEL (UNITS)</th>
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<td>N/A</td>
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SECTION III - PHYSICAL PROPERTIES

APPEARANCE AND ODOR: White or off-white powder, low odor

MOLECULAR WEIGHT: N/A

BOILING POINT (DEGREES FAHRENHEIT): N/A

MELTING POINT (DEGREES FAHRENHEIT): N/A
VAPOR PRESSURE (MM. OF MERCURY): N/A

SPECIFIC GRAVITY (WATER = 1): 2.7

VAPOR DENSITY (AIR = 1): N/A

PERCENT VOLATILE (BY WEIGHT): N/A

pH: N/A

SOLUBILITY IN WATER: 0.2%

EVAPORATION RATE (BUTYL ACETATE = 1): N/A

SECTION IV – FIRE AND EXPLOSION DATA

FLASH POINT: None

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

HAZARDOUS POLYMERIZATION: WILL OCCUR WILL NOT OCCUR X

CONDITIONS TO AVOID: None
SECTION VI - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE:

Skin: May develop sufficient heat to cause burns if a 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: Gypsum plaster hardens when in contact with water. May result in obstruction if ingested. See physician.

INHALATION: Remove to fresh air.

EYE CONTACT: Rinse immediately with water for 10-15 minutes to remove particles. Remove contact lens then flush with water. If irritation continues, see a physician.

SKIN CONTACT: Wash promptly with water.

SECTION VII - TOXICITY DATA

ORAL: ---

DERMAL: ---

INHALATION: * TCILO (Human) - 194 gm/m³ intermittently, over 10 years resulted in toxic effects to pulmonary system.

CARCINOGENICITY: ---

OTHER PERTINENT DATA: ---

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT

PROTECTIVE GLOVES: Desirable to prevent drying of hands.
EYE PROTECTION: Close-fitting eye goggles.

RESPIRATORY PROTECTION (SPECIFY TYPE): Wear NIOSH-approved respirator for nuisance dust.

OTHER PROTECTIVE EQUIPMENT: N/A

* NOTE: Toxicity data on Calcium Sulfate Hemi-Hydrate is not available. Information provided here applies to Calcium Sulfate Dihydrate only.

VENTILATION

LOCAL EXHAUST: Ventilation at mixer.

MECHANICAL (GENERAL): N/A

SPECIAL: N/A

OTHER: N/A

SECTION IX – SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep up. Avoid creating excessive dust. Wear approved respirators. Do not wash down drains – may plug drains.

WASTE DISPOSAL METHODS:

Use sanitary landfill in accordance with local, state and federal regulations.

CLEAN WATER ACT REQUIREMENTS:

N/A

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS:

N/A

SECTION X – REGULATORY INFORMATION

FDA: Product is produced for use as base hemi-hydrate gypsum for various industrial uses. As such, FDA regulations are not deemed applicable.
USDA:  N/A
CPSC:  N/A

TSCA:  CAS #7778-18-9 (Anhydrous Calcium Sulfate) covers all other forms of Calcium Sulfate.

DOT

PROPER SHIPPING NAME:  N/A
HAZARD CLASS:  N/A
LABEL REQUIRED:  N/A
IDENTIFICATION NO.:  N/A
OTHER PERTINENT INFORMATION:  N/A

SECTION XI – SPECIAL PRECAUTIONS AND COMMENTS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Dew point conditions or other conditions causing presence of liquid water will harden hemi-hydrate gypsum during storage.

OTHER PRECAUTIONS:  N/A

REGISTRATIONS/CERTIFICATIONS:  N/A

EFFECTIVE DATE:  April 26, 1984  SUPERSEDES:  ---
PREPARER:  N. E. Wagner  PHONE NUMBER:  (202) 659-3600

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