**Section 1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Plasters  
**Product Number:** (See product list found in section 16)  
**Product Use:** Industrial plasters.  
**Manufacturer/Supplier:** Georgia-Pacific Gypsum LLC  
133 Peachtree Street, N.E., Atlanta, GA 30303  
**Phone Number:** (800) 225-6119 (Technical Information)  
(404) 652-5119 (MSDS Request)  
**Emergency Phone:** CHEMTREC (800) 424-9300  
**Date of Preparation:** May 23, 2007

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**Section 2: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**CAUTION**

A natural chemical reaction during hardening (rehydration) develops sufficient heat that may cause severe burns in the event of contact with skin. These burns may possibly result in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Crushing, mixing, sanding, or otherwise working with this product may generate large amounts of dust. Dust can be irritating to the eyes, skin, and respiratory system.

**Likely Routes of Exposure:** Skin contact, eye contact, and inhalation.

**Potential Health Effects:**

- **Eye:** Dust may cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- **Skin:** Skin contact during hardening (rehydration) may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin.
- **Ingestion:** Not applicable under normal conditions of use. May result in obstruction and temporary irritation of the digestive tract.
- **Inhalation:** May cause respiratory tract irritation.

**Medical Conditions Aggravated By Exposure:** Because of its irritating properties, may aggrivate preexisting skin, eye, and respiratory conditions.

**Target Organs:** Skin, eyes and respiratory system.

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**Section 3: COMPOSITION / INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gypsum (calcium sulfate)</td>
<td>7778-18-9</td>
<td>60 - 100</td>
</tr>
<tr>
<td>Silica, crystalline, quartz</td>
<td>14808-60-7</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

This product is a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Gypsum (calcium sulfate) contains naturally occurring silica crystalline (quartz), which is listed as a lung carcinogen. See section 8 for exposure information.
### Section 4: FIRST AID MEASURES

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Call a physician if irritation develops and persists.

**Inhalation:** Remove to fresh air. If symptoms persist, obtain medical attention.

**Ingestion:** May result in obstruction and irritation if ingested. Get medical attention.

### Section 5: FIRE FIGHTING MEASURES

**Flammability:** Not flammable by OSHA/WHMIS criteria.

**Means of Extinction:**

- **Suitable Extinguishing Media:** Treat for surrounding material.
- **Unsuitable Extinguishing Media:** Not applicable.

**Products of Combustion:** May include, and are not limited to: calcium oxide and sulfur dioxide.

**Explosion Data:**

- **Sensitivity to Mechanical Impact:** Not applicable.
- **Sensitivity to Static Discharge:** Not applicable.

**Protection of Firefighters:** Firefighters should wear full protective clothing including self contained breathing apparatus.

### Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protection recommended in Section 8. Keep unnecessary personnel away from the release.

**Environmental Precautions:** Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

**Methods for Containment:** Contain and/or absorb spill with inert material, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Clean-Up:** Scoop up material and place in a disposal container.

### Section 7: HANDLING AND STORAGE

**Handling:**
Avoid contact with skin and eyes. Do not breathe dust. Use only in well-ventilated areas. Handle and open container with care. Wear appropriate NIOSH approved dust mask or filtering facepiece if dust is generated. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

**Storage:**
Keep out of the reach of children. Keep container tightly closed. Store in a covered, dry, climate controlled area.
Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>OSHA-PEL</th>
<th>ACGIH-TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gypsum (CaSO₄)</td>
<td>7778-18-9</td>
<td>15 mg/m³ (total); 5 mg/m³ (resp)</td>
<td>10 mg/m³ (total)</td>
</tr>
<tr>
<td>Silica, crystalline, quartz</td>
<td>14808-60-7</td>
<td>(10 mg/m³)/(%SiO₂+2) TWA (resp); (30 mg/m³)/(%SiO₂+2) TWA (total); (250)/(%SiO₂+5) mppcf TWA (resp)</td>
<td>0.025 mg/m³</td>
</tr>
</tbody>
</table>

Engineering Controls: When using product, provide local and general exhaust ventilation to keep airborne dust concentrations below exposure limits. Use wet methods, if appropriate, to reduce the generation of dust.

Personal Protective Equipment:

Eye/ Face Protection: Safety glasses or goggles are recommended when using product. Ensure compliance with OSHA’s PPE standards (29 CFR 1910.132 (general) and 133 (eye and face protection)). Safety shower/eye wash fountain must be readily available in the workplace area (29 CFR 1910.151(c)).

Skin Protection: Impervious protective clothing and gloves recommended to prevent drying or irritation of hands. Ensure compliance with OSHA’s PPE standards (29 CFR 1910.132 (general) and 138 (hand protection)). Safety shower/eye wash fountain must be readily available in the workplace area (29 CFR 1910.151(c)).

Respiratory Protection: A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA’s respirator standard (29 CFR 1910.134) and ANSI’s standard for respiratory protection (Z88.2).

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder.
Color: Light gray to white.
Odor: Low odor.
Odor Threshold: Not available.
Physical State: Solid.
PH: 6-10
Viscosity: Not applicable.
Freezing Point: Not applicable.
Boiling Point: Not applicable.
Flash Point: Not applicable.
Evaporation Rate: Not available.
Lower Flammability Limit: Not applicable.
Upper Flammability Limit: Not applicable.
Vapor Pressure: Not applicable.
Vapor Density: Not applicable.
Specific Gravity: 2.3 - 2.7
Solubility in Water: 0.2 - 1.0% @ 22°C
Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Conditions of Reactivity: Reacts with water (normal condition of use).

Incompatible Materials: None identified.

Hazardous Decomposition Products: May include, and are not limited to: calcium oxide and sulfur dioxide.

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

Component Analysis

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD₅₀ (oral)</th>
<th>LC₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gypsum (calcium sulfate)</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Silica, crystalline, quartz</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Lungs.

Chronic Effects: Hazardous by OSHA/WHMIS criteria.

Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen.

Prolonged exposure to respirable 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.

Carcinogenicity: Hazardous by OSHA/WHMIS criteria.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Chemical Listed as Carcinogen or Potential Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, crystalline, quartz</td>
<td>ACGIH - A2 - Suspected human carcinogen;</td>
</tr>
<tr>
<td></td>
<td>IARC - 1 - The agent is carcinogenic to humans;</td>
</tr>
<tr>
<td></td>
<td>NTP - 1 - Known to be carcinogens</td>
</tr>
</tbody>
</table>

Mutagenicity; Reproductive Effects; Teratogenicity; Embryotoxicity; Respiratory Sensitization; Skin Sensitization: Not hazardous by OSHA/WHMIS criteria.

Toxicologically Synergistic Materials: Not available.
Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not considered to be harmful to aquatic life.

Freshwater Fish Species Data: 
Gypsum (calcium sulfate) 7778-18-9 96 Hr LC$_{50}$ Lepomis macrochirus: 2980 mg/L (static)

Water Flea Data: 
Gypsum (calcium sulfate) 7778-18-9 120 Hr EC$_{50}$ Nitscheria linearis: 3200 mg/L

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: 
This product, if discarded as supplied, is not considered a hazardous waste under Federal Waste Regulations 40 CFR 261. If processing, use, or contamination alters the material, the waste must be tested using methods described in 40 CFR 261 to determine if it meets applicable definition of hazardous waste.

Section 14: TRANSPORTATION INFORMATION

DOT Classification 
Not regulated

TDG Classification 
Not regulated

Section 15: REGULATORY INFORMATION

Federal Regulations

Canadian: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.


SARA Title III

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Section 302 (EHS) TPQ (lbs.)</th>
<th>Section 304 EHS RQ (lbs.)</th>
<th>CERCLA RQ (lbs.)</th>
<th>Section 313</th>
</tr>
</thead>
</table>

Section 311-312: Delayed (chronic) health hazard.

State Regulations

Global Inventories

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Canada DSL/NDSL</th>
<th>USA TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gypsum (calcium sulfate)</td>
<td>DSL</td>
<td>Yes.</td>
</tr>
<tr>
<td>Silica, crystalline, quartz</td>
<td>DSL</td>
<td>Yes.</td>
</tr>
</tbody>
</table>

HMIS - Hazardous Materials Identification System

Health - 1* Flammability - 0 Physical Hazard - 1
NFPA - National Fire Protection Association:

- Health - 1
- Fire - 0
- Reactivity - 0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

WHMIS Classification(s):
- Class D2A - Carcinogenicity
- Class D2A - Chronic Toxic Effects

WHMIS Hazard Symbols:

![Warning Symbol]

Section 16: OTHER INFORMATION

Product List:

- DENSICAL® Base: BR-700
- DENSICAL® Blend: BR-707
- DENSICAL® Dental Stone: BR-725
- DENSICAL® IC Regular: BR-703
- DENSICAL® IC Low Expansion: BR-704
- DENSICAL® Medium Low Expansion: BR-716
- DENSICAL® Oil Well - Bulk: BR-535
- DENSICAL® Oil Well: BR-755, 6
- DENSICAL® WH: BR-700, 5
- DENSITE® Slow Set: BR-706
- DENSITE® Base: BR-800
- DENSITE® Base Fine Grind: BR-850
- DENSITE® HL: BR-853
- DENSITE® HS: BR-854
- Statuary Plaster: BR/NV-856
- DENSITE® K-4: BR-864
- DENSITE® K-4 LE: BR-865
- DENSITE® K-5: BR-805
- DENSITE® K-6: BR-806
- DENSITE® K-7: BR-807
- DENSITE® K-7 White: BR-810
- DENSITE® K-8 Yellow: BR-808
- DENSITE® K-9: BR-809
- DENSITE® K-11: BR-811
- DENSITE® K-16: BR-816
- DENSITE® Medium High Expansion: BR-820
- DENSITE® Medium Low Expansion: BR-815
- DENSITE® Oil Well - Bulk: BR-535
- DENSITE® Oil Well: BR-835
- DENSITE® SLC: BR-870
- Drycast: BR-863
- Gauging Plaster - Quick Set: BR-155
- Impression Plaster: BR-265
- Industrial Molding Plaster: BR/BGA-232, 8, NV240
- Industrial Molding Plaster, Medium Set: BGA/NV-233
- Laboratory Plaster: BR-264
- Oil Well Ultra DENSITE®: BR-861
- Pottery Plaster: BR-251
- Pottery Plaster K-55: BR-255
- Pottery Plaster K-58: BR-658
- Pottery Plaster K-59: BGA/BR-659
- Pottery Plaster K-60: BR-660
Product List (Continued):

Pottery Plaster K-62        BR-662
Pottery Plaster K-63        BR-663
Premix Plaster             BR-822
Quick Set Molding Plaster  BR/BGA-234
Statuary Casting Plaster   BR-252, 646
Statuary Casting Plaster No. 1  BGA/BR-648, 9
Manufacturers Stucco - Untubed BR-240, 1
Manufacturers Stucco - Tubed BR-244
Medium Set Crayon Stucco   BR-235
White Molding Plaster      NV-237
Fast Set Crayon Stucco     BR-234
Stucco                      NV/BR/BGA/CNJ-35, 46, 48, 53
Molding Plaster - Slow Set NV/CNJ/BR-230
Molding Plaster            BR/NV-233
Molding Plaster - Fast Set BR/NV-234
Super Anhydrite            BR-400
Ultra DENSITE® Base        BR-860
Ultra RH                   BR-862
White Molding Plaster      BR/NV-236
White Molding Casting Plaster - Bulk BR-532
White Molding Plaster - Bulk BR-536
White Molding Plaster (90 Minute Molding) NV-237
NS Grout Statuary          BR-824
Basecoat Plaster           BR-170
Gauging Plaster            BR-231
Gauging Plaster - Slow Set BR-158
Casting Plaster            BGA-231

Additional Product Content Information:
Products listed on this MSDS do not contain asbestos.

Disclaimer:
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Supersedes: 5/27/03

Prepared by: Georgia-Pacific LLC
             (404) 652-5119 (MSDS Request)