

**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

**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 aggravate preexisting skin, eye, and respiratory conditions.

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

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

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

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**

Ingredient	CAS #	Exposure Limits	
		OSHA-PEL	ACGIH-TLV
Gypsum (CaSO <sub>4</sub> )	7778-18-9	15 mg/m <sup>3</sup> (total); 5 mg/m <sup>3</sup> (resp)	10 mg/m <sup>3</sup> (total)
Silica, crystalline, quartz	14808-60-7	((10 mg/m <sup>3</sup> )/(%SiO <sub>2</sub> +2) TWA (resp)); ((30 mg/m <sup>3</sup> )/(%SiO <sub>2</sub> +2) TWA (total)); ((250)/(%SiO <sub>2</sub> +5) mppcf TWA (resp))	0.025 mg/m <sup>3</sup>

**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**

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

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**Coefficient of Water/Oil Distribution:** Not available.  
**Auto-ignition Temperature:** Not applicable.  
**Percent Volatile, wt. %:** Not available.  
**VOC content, wt. %:** Not available.

<b>Section 10: STABILITY AND REACTIVITY</b>
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**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.

<b>Section 11: TOXICOLOGY INFORMATION</b>
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**EFFECTS OF ACUTE EXPOSURE**
**Component Analysis**

Ingredient	LD <sub>50</sub> (oral)	LC <sub>50</sub>
Gypsum (calcium sulfate)	Not available.	Not available.
Silica, crystalline, quartz	Not available.	Not available.

**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.

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

**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.

**LC/EC<sub>50</sub>**
**Freshwater Fish Species Data:**

Gypsum (calcium sulfate) 7778-18-9 96 Hr LC<sub>50</sub> Lepomis macrochirus: 2980 mg/L (static)

**Water Flea Data:**

Gypsum (calcium sulfate) 7778-18-9 120 Hr EC<sub>50</sub> 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.

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR 29 1910.1200).

**SARA Title III**
**Ingredient**

Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Gypsum (calcium sulfate)	Not listed.	Not listed.	Not listed.	Not listed.
Silica, crystalline, quartz	Not listed.	Not listed.	Not listed.	Not listed.

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

**State Regulations**
**Global Inventories**
**Ingredient**

Ingredient	Canada DSL/NDSL	USA TSCA
Gypsum (calcium sulfate)	DSL	Yes.
Silica, crystalline, quartz	DSL	Yes.

**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:**

**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-735, 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

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**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-624
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:**

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 and its subsidiaries make no warranty of any kind, expressed 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 and its subsidiaries will not be liable for claims that the information and data are inaccurate, incomplete or otherwise misleading.

**Supersedes:** 5/27/03

**Prepared by:** Georgia-Pacific LLC  
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