

1. Product and Company Identification

Material name 42A PLASTERS
Product use Industrial Plasters
Product List See Product List found in Section 16
Manufacturer information Georgia-Pacific Gypsum LLC
133 Peachtree Street, NE
Atlanta, GA 30303
MSDS Request 404.652.5119
Technical Information 800.225.6119
Chemtrec - Emergency 800.424.9300

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.

Potential health effects

Eyes 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.

Inhalation Dust may cause respiratory tract irritation.

Ingestion Not applicable under normal conditions of use. May result in obstruction or temporary irritation of the digestive tract.

3. Composition / Information on Ingredients

Components	CAS #	Percent/Wt
GYPSUM (CALCIUM SULFATE)	10101-41-4	90 - 100
CRYSTALLINE SILICA (QUARTZ)*	14808-60-7	1 - 5

Composition comments Gypsum (calcium sulfate) contains naturally occurring crystalline silica (quartz) which is listed as a lung carcinogen. See Section 8 for exposure information.

*The weight percent for crystalline silica represents total crystalline silica and not the respirable fraction. Testing conducted by Georgia-Pacific did not detect respirable crystalline silica during activities associated with the normal use of this product; however, jobsite air monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded.

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Skin contact For skin contact, wash immediately with soap and water. Get medical attention if irritation develops or persists.

Inhalation Remove to fresh air. If symptoms persist, get medical attention.

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

5. Fire Fighting Measures

Flammable properties	Not flammable by OSHA/WHMIS criteria.
Extinguishing media	
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Protection of firefighters	
Protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Explosion data	
Sensitivity to static discharge	Not applicable.
Sensitivity to mechanical impact	Not applicable.
Hazardous combustion products	May include, and are not limited to: calcium oxide and sulfur dioxide.

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.
Methods for containment	Contain the spill, then place in a suitable container. Minimize dust generation.
Methods for cleaning up	Sweep up or gather material and place in appropriate container for disposal.

7. Handling and Storage

Handling	Avoid contact with skin and eyes. 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. Do not eat or drink while using the product. Wash hands before eating, drinking, or smoking.
Storage	Keep the container tightly closed and dry. Store in a covered, dry, climate controlled area, away from incompatibles.

8. Exposure Controls / Personal Protection

GYPSUM (CALCIUM SULFATE) (CAS # 10101-41-4)

	TWA	STEL	Ceiling
ACGIH	10 mg/m ³ TWA (inhalable fraction)	Not established	Not established
OSHA	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	Not established	Not established

CRYSTALLINE SILICA (QUARTZ)* (CAS # 14808-60-7)

	TWA	STEL	Ceiling
ACGIH	0.025 mg/m ³ TWA (respirable fraction)	Not established	Not established
OSHA	((10)/(%SiO ₂ + 2) mg/m ³ TWA (respirable)); ((30)/(%SiO ₂ + 2) mg/m ³ TWA (total dust)); ((250)/(%SiO ₂ + 5) mppcf TWA (respirable))	Not established	Not established

Exposure guidelines	*The weight percent for crystalline silica represents total crystalline silica and not the respirable fraction. Testing conducted by Georgia-Pacific did not detect respirable crystalline silica during activities associated with the normal use of this product; however, jobsite air monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded.
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 this product. Ensure compliance with OSHA's PPE standard (29 CFR 1910.132 and .133) for 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 skin. Ensure compliance with OSHA's PPE standards (29 CFR 1910.132 (general) and 138 (hand protection)). Safety shower/eye wash fountain is recommended 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).

9. Physical & Chemical Properties

Appearance	Powder
Color	Light grey to white
Form	Not available
Odor	Low odor
Odor threshold	Not available
pH	6 - 10
Freezing point	Not applicable
Boiling point	Not applicable
Flash point	Not applicable
Evaporation rate	Not available
Flammability	Not Flammable
Flammability limits in air, upper, % by volume	Not applicable
Flammability limits in air, lower, % by volume	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Specific gravity	2.3 - 2.7
Octanol/H₂O coeff	Not available
Solubility (water)	0.2 - 1 % at 22°C
Auto-ignition temperature	Not applicable
Viscosity	Not applicable

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions of Reactivity	Reacts with water (normal condition of use).
Incompatible materials	None known.
Hazardous decomposition products	May include and are not limited to: calcium oxide and sulfur dioxide.

11. Toxicological Information

Toxicological information	No toxicological data available for this product. Toxicological information for components of this product is listed below.
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Toxicological information (Ingredients)

GYPSUM (CALCIUM SULFATE) (CAS # 10101-41-4)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Mouse: 5824 mg/kg

Oral LD50 Rat: 3000 mg/kg

CRYSTALLINE SILICA (QUARTZ)* (CAS # 14808-60-7)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 500 mg/kg

Routes of exposure Inhalation. Skin contact. Eye contact.

Sensitization Not expected to be hazardous by OSHA/WHMIS criteria.

Chronic effects	Not expected to be hazardous by OSHA/WHMIS criteria.
Carcinogenicity	Not expected to be hazardous by OSHA/WHMIS criteria.
Mutagenicity	Not expected to be hazardous by OSHA/WHMIS criteria.
Reproductive effects	Not expected to be hazardous by OSHA/WHMIS criteria.
Teratogenicity	Not expected to be hazardous by OSHA/WHMIS criteria.
Synergistic materials	Not available.

12. Ecological Information

Ecotoxicity Not considered to be harmful to aquatic life.

GYPSUM (CALCIUM SULFATE) (CAS # 10101-41-4)

Ecotoxicity - Freshwater Fish Species Data

96 Hr LC50 *Lepomis macrochirus*: 2980 mg/L [static]; 96 Hr
LC50 *Pimephales promelas*: >1970 mg/L [static]

13. Disposal Considerations

Disposal instructions This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

14. Transport Information

Department of Transportation (DOT) Requirements

This product is not regulated as a hazardous material by the United States (DOT) transportation regulations.

Canadian Transportation of Dangerous Goods (TDG) Requirements

Not regulated as dangerous goods.

15. Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Section 313 hazardous chemical No

WHMIS status Non-controlled

Canadian regulations

CRYSTALLINE SILICA (QUARTZ)* (CAS # 14808-60-7)

Canada - WHMIS - Ingredient Disclosure List 1 %

Inventory status

Country(s) or region	Inventory name	Compliant w/inventory requirements (yes/no)
Canada	Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

16. Other Information

Product list

BASECOAT PLASTER	BR-170
CRAYON STUCCO - FAST SET	BR-234
CRAYON STUCCO - MEDIUM SET	BR-235
DENSCAL® BASE	BR-700
DENSCAL® BLEND	BR-707
DENSCAL® DENTAL STONE	BR-725
DENSCAL® IC LOW EXPANSION	BR-704
DENSCAL® IC REGULAR	BR-703
DENSCAL® MEDIUM LOW EXPANSION	BR-716
DENSCAL® OIL WELL	BR-735, 736, 835
DENSCAL® SLOW SET	BR-706
DENSCAL® WH	BR-705
DENSITE® BASE	BR-800
DENSITE® BASE - FINE GRIND	BR-850
DENSITE® HL	BR-853, NV-853
DENSITE® HS	BR-854
DENSITE® K-11	BR-811
DENSITE® K-16	BR-816
DENSITE® K-4	BR-864
DENSITE® K-4 LE	BR-865, NV-872
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® MEDIUM HIGH EXPANSION	BR-820, NV-820
DENSITE® MEDIUM LOW EXPANSION	BR-815
DENSITE® RA	BR-868
DENSITE® SLC	BR-870
DENSITE® STATUARY PLASTER	BR-856, NV-856
DRYCAST	BR-863
GAUGING PLASTER - QUICK SET	BR-155
GAUGING PLASTER - SLOW SET	BR-158
GAUGING PLASTER - STABILIZED SET	BR-231
IMPRESSION PLASTER	BR-265
INDUSTRIAL MOLDING PLASTER	BR-232
INDUSTRIAL MOLDING PLASTER - MEDIUM SET	NV-233
LABORATORY PLASTER	BR-264
MANUFACTURERS STUCCO - TUBED	BR-244
MANUFACTURERS STUCCO - UNTUBED	BR-240, NV-240
MOLDING PLASTER - FAST SET	NV-234
MOLDING PLASTER - SLOW SET	BR-230, CNJ-230, NV-230
NOVEX #3 PLASTER	BR-171
NS GROUT STATUARY	BR-624
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	BR-659

Product list

POTTERY PLASTER K-60	BR-660
POTTERY PLASTER K-62	BR-662
POTTERY PLASTER K-63	BR-663
PREMIX PLASTER	BR-822
SAFE FILLER	BR-241
STATUARY CASTING PLASTER	BR-252, 646, 648, 649
STUCCO	BR/CNJ/NV - 35, 46, 48, 53
SUPER ANHYDRITE	BR-400
ULTRA DENSITE® BASE	BR-860
ULTRA RH	BR-862
WHITE MOLDING PLASTER	BR-236, NV-236
WHITE MOLDING PLASTER (90 MINUTE MOLDING)	NV-237

HMIS® ratings

Health: 1
Flammability: 0
Physical hazard: 0

NFPA ratings

Health: 1
Flammability: 0
Instability: 0

Other information

Products on this MSDS do not contain asbestos.

Disclaimer

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 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.

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Supercedes

23-May-2007

Prepared by

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