

CHPLK60 K-60 Pottery Plaster
CHPLSUN Sunflower Molding Plaster
CHPLK5 K-5 Densite Plaster

Georgia-Pacific



ALL PLASTERS

**GEORGIA-PACIFIC
PLASTERS**

MATERIAL SAFETY DATA SHEET 42A

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MATERIAL SAFETY DATA SHEET

Effective Date: 9/24/97
Supersedes Date: 3/19/97

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Plasters (See list of products at end of this MSDS)

PRODUCT CODE: See list at end of this MSDS

PRODUCT USE: Industrial Plasters

MANUFACTURED BY:

G-P Gypsum Corporation a wholly owned subsidiary of Georgia-Pacific Corporation 133 Peachtree Street, N.E. Atlanta, GA 30303 (770)987-5190 (Technical Information) (404)652-5119 (MSDS Request)	Georgia-Pacific Canada Inc a wholly owned subsidiary of Georgia-Pacific Corporation Allanburg Road Thorold, Ontario L2V 3Z8, Canada (770)987-5190 (Technical Information) (404)652-5119 (MSDS Request)
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SECTION 2. COMPOSITION INFORMATION ON HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>% WT.</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Gypsum (calcium sulfate)	90-100	7778-18-9	15 mg/m ³ Total Dust 5 mg/m ³ Respirable Dust	10 mg/m ³ Total Dust

This ingredient contains naturally occurring crystalline silica, generally of the quartz form. Due to its natural occurrence, the exact percentage of crystalline silica is unknown. Both the OSHA PEL and ACGIH TLV are 0.1 mg/m³ for respirable quartz dust.

Exposure limits are in accord with those recommended by OSHA in the 1989 revision of PELs.

SECTION 3. HAZARDS IDENTIFICATION

DESCRIPTION: White, gray or buff powder

EMERGENCY OVERVIEW

A natural chemical reaction during hardening (rehydration) develops sufficient heat to 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 or otherwise working with this product may generate large amounts of dust. Dust may cause upper respiratory tract, lung, eye, nasal and skin irritation.

POTENTIAL HEALTH EFFECTS

SKIN CONTACT: Handling may cause dry skin. Skin contact during hardening (rehydration) may slowly develop sufficient heat to cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or while in continuous, prolonged contact with the skin.

INHALATION: This product contains crystalline silica. 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

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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. Exposure associated with most uses of this product(s) should be well below the permissible exposure limits; however, employers should perform workplace testing to determine actual exposure levels.

EYE CONTACT: Dust can cause mechanical eye irritation.

INGESTION: Not applicable under normal conditions of use. May result in obstruction and temporary irritation of the digestive tract.

SECTION 4. FIRST AID MEASURES

SKIN CONTACT: Wash affected areas with soap and water. If irritation persists, get medical attention.

INHALATION: Remove to fresh air. If persistent irritation, severe coughing or breathing difficulty occurs, get medical attention.

EYE CONTACT: Remove contact lenses. Flush eyes, including under eyelids, with large amounts of water. If irritation persists, get medical attention.

INGESTION: May result in obstruction if ingested. Get medical attention.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT:	Not applicable.	HAZARDOUS COMBUSTION PRODUCTS:	Not applicable.
FLAMMABLE LIMITS:	Not combustible.	AUTOIGNITION TEMPERATURE:	Not applicable.
		FIRE EXTINGUISHING MEDIA:	Not applicable.

SECTION 6. ACCIDENTAL RELEASE MEASURES

To prevent obstruction, do not wash down drain. Sweep or vacuum material into a waste container for disposal. If needed, use water spray to wet down and minimize dust generation. Wear approved respirator, if necessary.

SECTION 7. HANDLING AND STORAGE

Dew point conditions or other conditions causing presence of moisture will harden product during storage. See other sections of this MSDS for information on handling.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide local exhaust as necessary to meet OSHA requirements for dust exposure. Use wet methods, if appropriate, to reduce generation of dust.

DENSITE®K-7, DENSITE®K-7 White, DENSITE®HL, DENSITE®HS, Pottery Plaster K-60 and Statuary Casting Plaster (11646) contain a polymer dispersant which includes formaldehyde in an amount less than 0.1%. Downstream worker testing performed by Georgia-Pacific has shown exposure levels to be less than 0.1 ppm. Employers should, however, perform their own workplace testing to determine actual formaldehyde exposure levels. Heat drying may increase formaldehyde emissions. Adequate ventilation should be provided during heat drying to reduce formaldehyde exposure.

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SKIN PROTECTION: Protective gloves may be desirable to prevent drying or irritation of hands.

RESPIRATORY PROTECTION: Wear NIOSH/OSHA approved respirator when permissible exposure limit to dust may be exceeded.

EYE PROTECTION: Recommend eye goggles or safety glasses for nuisance dust.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White, gray or buff powder; low odor

PHYSICAL STATE:	Solid.	BOILING POINT:	Not applicable.
PH:	6-8	MELTING POINT:	Not applicable.
VAPOR PRESSURE:	Not applicable.	SOLUBILITY IN WATER:	0.2-1.0% @ 22°C
VAPOR DENSITY:	Not applicable.	SPECIFIC GRAVITY:	2.3-2.7

SECTION 10. STABILITY AND REACTIVITY

STABILITY:	Stable.	INCOMPATIBILITY (MATERIALS TO AVOID):	None.
CONDITIONS TO AVOID:	None.	HAZARDOUS POLYMERIZATION:	Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

CRYSTALLINE SILICA: Inhaled crystalline silica in the form of quartz or cristobalite from occupational sources is classified by the International Agency for Research on Cancer (IARC) as carcinogenic to humans (Group 1A). Respirable crystalline silica has been classified by the National Toxicology Program (NTP) as a substance which may reasonably be anticipated to be a carcinogen. Crystalline silica is not considered to be a human carcinogen by OSHA.

SECTION 12. DISPOSAL CONSIDERATIONS

This product is not considered hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. Please be advised, however, state and local requirements for waste disposal may be different from federal regulations.

Dispose of as inert solid in landfill or by other procedures in accordance with local, state, federal or provincial regulations.

SECTION 13. TRANSPORT INFORMATION

This product is not a DOT hazardous material.

SECTION 14. REGULATORY INFORMATION

OSHA: Dust and potential respirable crystalline silica generated from mixing, sanding or otherwise using this product may be hazardous. This product can be hazardous during rehydration as indicated in Section 3.

TSCA: This product complies with TSCA inventory requirements.

SARA 313: None.

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RCRA: If discarded in its purchased form, this product would not be a hazardous waste. Under RCRA, however, it is the responsibility of the product user to determine at the time of disposal whether a material containing this product or derived from this product should be classified as a hazardous waste.

CALIFORNIA PROP 65: Airborne particles of respirable size of crystalline silica are known to the State of California to cause cancer.

CANADIAN WHMIS: This product is not a controlled product.

SECTION 15. OTHER INFORMATION

HMIS RATING: Health - 1; Flammability - 0; Reactivity - 0

MSDS REVISION SUMMARY: Section 11, change in IARC's classification of inhaled crystalline silica.

PRODUCT LIST FOR MSDS #42A

DENSICAL® Base	42A-00700
DENSICAL® Blend	42A-00707
DENSICAL® Dental Stone	42A-45725
DENSICAL® Medium Low Expansion	42A-45716
DENSICAL® Oil Well - Bulk	42A-45535
DENSICAL® Oil Well	42A-45735,6
DENSICAL® WH	42A-45700,5
DENSICAL® Slow Set	42A-45706
DENSITE® Base	42A-00800
DENSITE® Base Fine Grind	42A-00850
DENSITE® HL	42A-40853
DENSITE® HS	42A-40854
DENSITE® K-5	42A-40805
DENSITE® K-6	42A-40806
DENSITE® K-7	42A-40807
DENSITE® K-7 White	42A-40810
DENSITE® K-8 Yellow	42A-40808
DENSITE® K-9	42A-40809
DENSITE® K-11	42A-40811
DENSITE® K-16	42A-40816
DENSITE® Medium High Expansion	42A-45820
DENSITE® Medium Low Expansion	42A-45815
DENSITE® Oil Well - Bulk	42A-40535
DENSITE® Oil Well	42A-40835
Gauging Plaster - Quick Set	42A-11152,5
Impression Plaster	42A-11265
Industrial Molding Plaster	42A-11232,8
Industrial Molding Plaster, Medium Set	42A-11233
Laboratory Plaster	42A-11264
Oil Well Ultra DENSITE®	42A-00861
Pottery Plaster	42A-11251
Pottery Plaster K-55	42A-11255
Pottery Plaster K-58	42A-11658
Pottery Plaster K-59	42A-11659
Pottery Plaster K-60	42A-11660
Pottery Plaster K-62	42A-11662
Pottery Plaster K-63	42A-11663
Premix Plaster	42A-11822
Statuary Casting Plaster	42A-11252
Statuary Casting Plaster White	42A-11253
Statuary Casting Plaster	42A-11646

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Statuary Casting Plaster No. 1	42A-11648
Manufacturers Stucco - Untubed	42A-11240,1
Manufacturers Stucco - Tubed	42A-11244
Medium Set Crayon Stucco	42A-11235,7
Stucco	42A-00035-40,45-6,48,53,98
SUNFLOWER® Molding Plaster - Slow Set	42A-11230
SUNFLOWER® Molding Plaster	42A-11233
Super Anhydrite	42A-15400,5
White Molding Plaster	42A-11236
White Molding Casting Plaster - Bulk	42A-11532
White Molding Plaster - Bulk	42A-11536

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