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Item#0395-2285

PLASTER OF PARIS

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SECTION I CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: Plasters (see list of products at end of MSDS)

Product Code: See list at end of this MSDS

Product Use: Industrial Plasters

Emergency Telephone Number: 1-800-424-9300 Chemtrec

SECTION II COMPOSITION/INFORMATION ON 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 III 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 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 IV

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 V

FIRE FIGHTING MEASURES

Flash Point: NA

Flammable Limits: Not combustible.

Extinguishing Media: NA

Hazardous Combustion Products: NA

Autoignition Temperature: NA

SECTION VI

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 VII

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.

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SECTION VIII 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.

DENSCAL[®] IC Regular, DENSCAL[®] IC Low Expansion, DENSCAL[®] Medium Low Expansion, DENSITE[®] K7, DENSITE[®] K7 White, DENSITE[®] HL, DENSITE[®] HS, Drycast, DENSITE[®] K-4, DENSITE[®] K-4 LE, Pottery Plaster K-60, Pottery Plaster K-62, Statuary Casting Plaster (11646) contain a polymer dispersant which includes trace amounts of formaldehyde. Downstream worker testing involving some of these products has shown worker exposure levels to be less than 0.1 parts per million (ppm). Employers should, however, perform their own workplace testing to determine formaldehyde exposure levels. Heat drying may increase formaldehyde emissions. Adequate ventilation should be provided during heat drying to reduce formaldehyde exposure.

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 IX PHYSICAL & CHEMICAL PROPERTIES

Appearance & Odor: White, gray or buff powder; low odor.

Physical State: Solid

pH: 6 – 9

Vapor Pressure: NA

Vapor Density: NA

Boiling Point: NA

Melting Point: NA

Solubility in Water: 0.2 – 1.0% @ 22°C

Specific Gravity: 2.3 – 2.7

SECTION X STABILITY & REACTIVITY

Stability: Stable.

Conditions to Avoid: None.

Incompatibility with other Materials: None

Hazardous Polymerization: Will not occur.

PLASTER OF PARIS**SECTION XI****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 XIII**TRANSPORT INFORMATION**

This product is not a DOT hazardous material.

SECTION XIV**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

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. Our worker exposure testing has not demonstrated an exposure to respirable crystalline silica.

Canadian WHMIS: This product is not a controlled product.

SECTION XV**OTHER INFORMATION**

HMIS Rating: Health 1; Flammability 0; Reactivity 0

MSDS Revision Summary: Section 9, change in pH.

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Humco Holding Group, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. License granted to make unlimited paper copies for internal use only.