



Safety Data Sheet

GHS Compliant

SDS No. HWGS

Section 1 - Identification

- 1.1 Product Identifier:** Hydrocal White Gypsum Cement
- 1.2 General Use:** Gypsum Cement
- 1.3 Manufacturer:** The Monster Makers, Inc.,
13597 West Parkway Rd., Cleveland, OH 44135
Phone: (216) 671-8700
sales@monstermakers.com
- 1.4 Emergency Contact:** Chem-Tel
Domestic: 800-255-3924 International 813-248-0585

Section 2 - Hazards

- 2.1 Classification of the substance or mixture**
- 2.2 GHS Label elements, including precautionary statements**
Prevention: Observe good industrial hygiene practices
Response: Get medical attention/advice if you feel unwell
Storage: Store as indicated in Section 7.
Disposal: Dispose of in accordance with local, state, and federal regulations
Pictograms: None.
Signal Word: None.

Hazards not otherwise classified (HNOC) or not covered by GHS

Section 3 - Composition / Information on Ingredients

- 3.1 Substances**
Mixtures

Chemical	CAS Number	%
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1)	26499-65-0	>95

All concentrations are in percent by weight unless ingredient is a gas.

Section 4 - First Aid Measures

- 4.1 Description of first aid measures**
Inhalation: Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.
Eye Contact: Dust in the eyes: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.
Skin Contact: Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.
Ingestion: Plaster of Paris hardens and if ingested may result in stomach and intestinal blockage. Drinking gelatin solutions or large volumes of water may delay setting.
- 4.2 Most important symptoms and effects, both acute and delayed:**



Under normal conditions of intended use, the product is not expected to be a health risk. Dust may irritate throat and respiratory system and cause coughing. Treat symptomatically.

4.3 After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

- 5.1 Extinguishing Media:** Use fire fighting extinguishing media appropriate for surrounding materials
- 5.2 Special hazards arising from the substance or mixture:** Not a fire hazard.
- 5.3 Advice for firefighters:** Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Use standard firefighting procedures and consider the hazards of other involved materials. Cool material exposed to heat with water spray and remove it if no risk is involved.

Section 6 - Accidental Release Measures

- 6.1 Personal Precautions, protective equipment and emergency procedures:** See section 8 of the SDS for Personal Protective Equipment
- 6.2 Environmental precautions:** Avoid discharge to drains, sewers, and other water systems.
- 6.3 Methods and materials for containment and cleaning up:** Vacuum up the spilled material. Vacuums used for this purpose should be equipped with HEPA filters. Containers must be labeled. Collect in approved containers and seal securely. For waste disposal, see Section 13 of the SDS.

Section 7 - Handling and Storage

- 7.1 Precautions for safe handling:** Minimize dust production when mixing, or opening and closing bags. Avoid inhalation of dust. Wear appropriate personal protective equipment, Wash hands after handling. Observe good industrial hygiene practices and use appropriate lifting techniques.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well-ventilated place. Store away from incompatible materials. Avoid contact with acids, water and moisture.

Section 8 – Exposure Controls / Personal Protection

- 8.1 Control Parameters:**
 - Respiratory Protections:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.
 - Hand Protection:** It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact, use suitable protective gloves.
 - Eye Protection:** Wear approved safety goggles.



Other Protective Clothing/Equipment: Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimized the risk of exposure.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance: White Powder Odor/Threshold: Low to no odor. pH: 6-8 Melting Point/Freezing Point: N/A Low/High Boiling Point: N/A Flash point: N/A Evaporation Rate: N/A Flammability: N/A UEL/LEL: N/A	Vapor Pressure: N/A Vapor Density (Air=1): N/A Specific Gravity (H₂O=1, at 4C): N/A Water Solubility: 0.15-0.4 g/100 g (H ₂ O) Partition Coefficient: N/A Auto-Ignition Temperature: N/A Decomposition Temperature: 2642 F (1450 C) Viscosity: N/A % Volatile: N/A
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Section 10 - Stability and Reactivity

- 10.1 Reactivity:** N/A
- 10.2 Chemical Stability** Material is stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** Hazardous polymerization does not occur.
- 10.4 Conditions to avoid:** When mixed with water this product can become very hot. Encasing or making moulds of any body part can cause serious burns that may require surgical removal of affected tissue and even amputation of encased body part.
- 10.5 Incompatible Materials:** Acids. Exposure to water and acids must be supervised because the reactions are vigorous and produce large amounts of heat.
- 10.6 Hazardous Decomposition Products:** Calcium oxides. Sulfur oxides.

Section 11 - Toxicological Information

11.1 Information on Toxicological Effects:

Ingestion: Ingestion may cause irritation and stomach discomfort.

Inhalation: Airborne dust may irritate throat and upper respiratory system causing cough.

Skin Contact: Under normal conditions of intended use, this product does not pose a skin hazard.

Eye Contact: Direct contact with airborne particulates may cause temporary irritation.

Skin Corrosion/Irritation: Not a skin irritant.

Serious Eye Damage/Irritation: Direct contact with eyes may cause temporary irritation.

Respiratory/Skin Sensitization: Not a skin sensitizer. Plaster of Paris has displayed little sensitization potential

Germ Cell Mutagenicity: No evidence of a mutagenicity found in Ames bacterial tests.

Carcinogenicity: This material is not classified as a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: Not expected to be a reproductive hazard.

Specific Target Organ Toxicity - Single Exposure: No data available, but none expected

Specific Target Organ Toxicity - Repeated Exposure: No data available, but none expected

Aspiration Hazard: Due to the physical form of the product it is not an aspiration hazard.



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Chronic Exposure: No other specific acute or chronic health impact noted.

Potential Health Effects - Miscellaneous:

Section 12 - Ecological Information

12.1 Ecotoxicity: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1)(CAS 26499-65-0)		
Aquatic		
Fish	LC50 Fathead Minnow (Pimpephales promelas)	>1970 mg/l, 96 hours

12.2 Persistence and Degradability: Calcium sulfate dissolves in water forming calcium and sulfate ions.

12.3 Bioaccumulative Potential: Bioaccumulation is not expected.

12.4 Mobility in Soil: N/A

12.5 Other Adverse Effects: None expected.

13 - Disposal Considerations

13.1 Disposal instructions: Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations: Dispose of in accordance with local regulations.

Hazardous waste code: Not regulated.

Waste residues/unused products: Dispose of in accordance with local regulations.

Contaminated packaging: Dispose of in accordance with local regulations.

Section 14 - Transport Information

14.1 DOT: Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.
IMDG: Not regulated as dangerous goods.

14.2 Transport in Bulk according to Annex II of MARPOL73/78 and the IBC Code:
Not applicable. This product is a solid. Therefore, bulk transport is governed by IMSBC code.

Section 15 - Regulatory Information

15.1 In the United States (EPA Regulations):
This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910. 1200

TSCA Inventory Status (40 CFR710): Not regulated

SARA 302 Components: Not listed.

SARA 311/312 Hazard(s): Not listed.

SARA 313 Components: Not regulated



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US State Regulations

US Macachusetts RTK

Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1)(CAS 2699-65-0)

US New Jersey Worker and Community RTK

Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1)(CAS 2699-65-0)

US Pennsylvania Worker and Community RTK

Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1)(CAS 2699-65-0)

US Rhode Island RTK

Not regulated.

US California Prop 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

15.2 International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 - Other Information

HMIS	
H	0
F	0
R	0



NFPA

SDS Version: 2

Date Prepared: 6/26/18

Further information: Plaster of Paris: Is classified as a hazardous substance but is generally considered a safe material for routine use. When plaster of Paris is used responsibly it is not considered as a dangerous material. However, when mixed with water this product can become very hot. DO NOT attempt to make a cast enclosing any part of the body. Encasing any body part can cause serious burns and even amputation of the encased body part.

Glossary: ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CASChemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIPChemical Hazard Information



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and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer: The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of The Monster Makers, Inc. regardless of the legal theory advanced, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use. This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH). Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.