

1. Identification

Product Identifier: **Hand Casting Plaster**
Use: For Industrial/Professional use only.
Manufacturer: Pro Marine Supplies
 1458 S. 35th Street, Galesburg, MI 49053
Phone Number: 800-447-9344 (9 a.m. to 5 p.m. EST)
Emergency Phone: CHEMTREC 800-424-9300 or
 +1 (703) 527-3887
E-mail: support@promarinesupplies.com

2. Hazards Identification

GHS Classification: Not classified as hazardous under OSHA's Hazard Communication Standard (29 CFR 1010.1200).

Label Elements: Not required.

Supplemental Information: May cause mild eye and possibly skin irritation. Avoid contact with eyes, skin and clothing.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Ingredients are not classified as health and/or environmental hazards, and/or are present below cut-off/concentration limits.		

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation persists.

Skin Contact: Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists.

Inhalation: If breathing is difficult, remove person to fresh air and keep comfortable. If experiencing respiratory symptoms: Call a doctor.

Ingestion: If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision.

Most Important Symptoms/Effects: Mild skin and eye irritation.

Indication of Immediate Medical Attention/Special Treatment: Not expected to be required.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical, foams, or water spray.

Specific Hazards: Not classified as flammable or combustible. May generate toxic/irritating compounds and dense smoke in fire conditions.

Special Protective Equipment and Precautions for Fire-Fighters: Wear SCBA & full-body protective suit. Cool hot containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency

Procedures: Wear protective clothing to prevent eye and skin contact.

Methods and Materials for Containment and Cleanup: Collect and containerize material. Dispose of residue in accordance with state and local regulations.

7. Handling and Storage

Safe Handling: Use in well-ventilated area. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling.

Safe Storage: Store indoors at temperatures between 60 and 95°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Exposure Limits: No OSHA or ACGIH exposure limits apply to these products.

Engineering Controls: Provide general exhaust to minimize airborne concentrations.

Personal Protective Equipment: Wear eye protection (e.g., chemical safety glasses) and protective gloves (e.g., nitrile rubber).

Other Protective Measures: None.

9. Physical and Chemical Properties

Appearance: Powder, white

Odor: Odorless

Odor Threshold: No data available

pH: 8.0

Melting Point: No data available

Boiling Point: No data available

Flash Point: No data available

Evap. Rate: No data available

Flamm. Limits: No data available

Vapor Pressure: No data available

Vapor Density: No data available

Relative Density: 2.93 mg/cm³

Solubility: Insoluble in water

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: No data available

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: No data available.

Incompatible Materials: Avoid strong acids, strong bases, and oxidizing agents.

Hazardous Decomposition Products: No data available

11. Toxicological Information

Eye Contact: May cause mild irritation.

Skin Contact: May cause mild irritation.

Inhalation: Dusts may cause mild respiratory irritation.

Ingestion: No data available.

Chronic Health Effects: None known.

Acute Toxicity Values: No data available.

Germ Cell Mutagenicity: Components are not classified as mutagens.

Carcinogenicity: Components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.

Reproductive Toxicity: Components are not classified as reproductive toxins.

Specific Target Organ Toxicity: No data available.

12. Ecological Information

Ecotoxicity: Not expected to be dangerous to aquatic organisms. Avoid release to the environment.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, regional and national regulations.

U.S.: Upon disposal, these products are not RCRA hazardous waste (per 40 CFR 261).

14. Transport Information

Not regulated for transport in any mode.

Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: Not subject to reporting under CERCLA.

SARA TITLE III:

Hazard Category for Section 311/312: Not Hazardous

Section 313 Toxic Chemicals: Contains no chemicals subject to SARA Title III Section 313 Reporting requirements.

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All components are listed on TSCA.

STATE REGULATIONS:

California Proposition 65: This product does not contain substances known to the State of California to cause cancer and/or reproductive harm.

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial or professional use only.

SDS Revision Notes: GHS Format: August 31, 2021

Disclaimer: The information contained herein is considered accurate; however, Pro Marine Supplies makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.

1. Identification

Product Identifier: **Hand Casting Alginate**
 Use: For Industrial/Professional use only.
 Manufacturer: Pro Marine Supplies
 1458 S. 35th Street, Galesburg, MI 49053
 Phone Number: 800-447-9344 (9 a.m. to 5 p.m. EST)
 Emergency Phone: CHEMTREC 800-424-9300 or
 +1 (703) 527-3887
 E-mail: support@promarinesupplies.com

2. Hazards Identification
GHS Classification:

Specific Target Organ Toxicity – Single Exposure Category 3
 Specific Target Organ Toxicity – Repeated Exposure Category 1

Label Elements: Danger


Hazard Statements:

H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H372 Causes damage to respiratory organs through prolonged or repeated exposure.

Precautionary Phrases:

P260 Do not breathe dusts.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P319 Get medical help if you feel unwell.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents and container in accordance with local, state, and national regulations.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Diatomaceous earth	61790-53-2	50-60
Alginate	9005-38-3	10-20
Gypsum	7778-18-9	10-20

Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are present below cut-off/concentration limits.

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation develops or persists.
Skin Contact: Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists.
Inhalation: If breathing is difficult, remove person to fresh air and keep comfortable. If experiencing respiratory symptoms, get medical attention.
Ingestion: If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision. Get medical attention if you feel unwell.
Most Important Symptoms/Effects: Mild skin and eye irritation.
Indication of Immediate Medical Attention/Special Treatment: Not expected to be required.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical, foams, or water spray.
Specific Hazards: Not classified as flammable or combustible. May generate toxic/irritating compounds and dense smoke in fire conditions.
Special Protective Equipment and Precautions for Fire-Fighters: Wear SCBA & full-body protective suit. Cool hot containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear protective clothing to prevent eye and skin contact.
Methods and Materials for Containment and Cleanup: Collect and containerize material. Dispose of residue in accordance with state and local regulations.

7. Handling and Storage

Safe Handling: Use in well-ventilated area. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling.
Safe Storage: Store indoors at temperatures between 60 and 95°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Exposure Limits: For Diatomaceous earth (CAS 661790-53-2):
 ACGIH TLV 3 mg/m³, total dust
 For Gypsum (CAS 7778-18-9):
 ACGIH TLV 10 mg/m³ TWA
Engineering Controls: Provide general exhaust to minimize airborne concentrations.
Personal Protective Equipment: Wear eye protection (e.g., chemical safety glasses) and protective gloves (e.g., nitrile rubber).
Other Protective Measures: None.

9. Physical and Chemical Properties

Appearance: Powder, white
Odor: Slight
Odor Threshold: No data available
pH: 9.1-9.2
Melting Point: No data available
Boiling Point: No data available
Flash Point: No data available
Evap. Rate: No data available
Flamm. Limits: No data available
Vapor Pressure: No data available
Vapor Density: No data available
Relative Density: No data available
Solubility: Insoluble in water
Partition Coefficient: n-octanol/Water: No data available
Auto-Ignition Temp: No data available
Decomposition Temp: No data available
Viscosity: No data available

10. Stability and Reactivity

Reactivity: Not normally reactive.
Chemical Stability: Stable under recommended conditions.
Possibility of Hazardous Reactions: No data available.
Conditions to Avoid: No data available.
Incompatible Materials: Avoid strong acids, strong bases, and oxidizing agents.
Hazardous Decomposition Products: No data available

11. Toxicological Information

Eye Contact: May cause mild irritation.

Skin Contact: May cause mild irritation.

Inhalation: Dusts may cause respiratory irritation.

Ingestion: No data available.

Chronic Health Effects: Causes damage to respiratory organs through prolonged or repeated exposure.

Acute Toxicity Values: No data available.

Germ Cell Mutagenicity: Components are not classified as mutagens.

Carcinogenicity: Components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.

Reproductive Toxicity: Components are not classified as reproductive toxins.

Specific Target Organ Toxicity: May cause respiratory irritation, drowsiness, or dizziness.

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