



Safety Data Sheet

GHS Compliant

SDS No. MGBA

Section 1 - Identification

- 1.1 Product Identifier:** Monster Gel Bonding Agent
- 1.2 General Use:** Retarder, Bonder
- 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**
Skin Corrosion/Irritation – Category 2, H315
Eye Damage/ Irritation – Category 2B, H320
Irritation: May cause eye irritation. May cause skin and respiratory tract irritation.



Pictograms:

Signal Word: WARNING

General:

Acute Eye: Severe irritant. May cause redness, burns.

Acute Skin: Low acute dermal toxicity. May cause irritation.

Acute Inhalation: Low acute inhalation toxicity. Dusts may cause upper respiratory tract irritation.

Acute Ingestion: Harmful if ingested. May cause burns to mouth and esophagus, nausea, vomiting, diarrhea.

Chronic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

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

Section 3 - Composition / Information on Ingredients

3.1 Substances

Name	CAS#	% by Weight
Tetrasodium Pyrophosphate, Anhydrous	7722-88-5	Trade Secret

Mixtures: Trade Secret

Section 4 - First Aid Measures

4.1 Description of first aid measures



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Eye Exposure: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist. If the physician is not immediately available, eye irrigation should be continued for an additional 15 minutes. If it is necessary to transport the patient to a physician and the eye needs to be bandaged, use a dry sterile cloth pad and cover both eyes.

Skin Exposure: In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes while washing. Clean contaminated clothing and shoes before re-use or discard if they cannot be thoroughly cleaned.

Ingestion: If victim is conscious and alert, give 2-3 glasses of water to drink and do not induce vomiting. Do not give anything by mouth to an unconscious victim. Seek immediate medical attention. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Persons attending the victim should avoid direct contact with heavily contaminated clothing and vomitus. Wear impervious gloves while decontaminating skin and hair

4.2 Most important symptoms and effects, both acute and delayed: None known

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

Section 5 - Fire-Fighting Measures

5.1 Extinguishing Media: Fire extinguishing powder, fire extinguishing foam for water soluble liquid, carbon dioxide, dry sand, and water spray

5.2 Special hazards arising from the substance or mixture: N/A

5.3 Advice for firefighters: Remove all possible ignition sources and extinguish the fire with proper extinguishing agent. Extinguish the fire from the windward side as much as possible. Evacuate people other than authorized personnel to a safe area. Sprinkle over the surrounding equipment to cool down/. Prevent products/other chemicals from being discharged into a river and sewers due to the extinguishing water and such.

Section 6 - Accidental Release Measures

6.1 Personal Precautions, protective equipment and emergency procedures:

Make sure to wear appropriate protections such as gloves, goggles, and masks. In case of massive spill, evacuate people to a safe area. Be assured to ventilate as necessary.

6.2 Environmental precautions: Do not directly discharge the material into a river and sewers without wastewater treatment.

6.3 Methods and materials for containment and cleaning up: Do not flush to drain. If spilled on the ground, the affected area should be scraped clean and placed in a appropriate container for disposal. Prevent material from entering public sewer system or any waterways. Large spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

**Section 7 - Handling and Storage**

7.1 Precautions for safe handling: Provide adequate ventilation at work areas. Wear appropriate protections such as glasses and gloves. After handling the material, wash your hands and face thoroughly.

7.2 Conditions for safe storage, including any incompatibilities:

Keep tightly sealed in containers and store in a well-ventilated indoor place. Avoid direct sunlight, high humidity, and water soakage. Use original container.

Section 8 – Exposure Controls / Personal Protection

8.1 Control Parameters:

Exposure controls: Install local exhaust ventilation device if vapor, fume, mist generates. Provide an emergency eyewash and a quick drench shower in the immediate work area.

Respiratory Protections: Dust protective mask if necessary

Hand Protection: Impervious (chemical-/oil-proof) protective gloves

Eye Protection: Safety glasses with side shield. (Goggle type if necessary)

Other Protective Clothing/Equipment: N/A

Comments: Wash your hands thoroughly after handling the material.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance: Translucent liquid	Vapor Pressure: N/A
Odor/Threshold: odorless	Vapor Density (Air=1): N/A
pH: N/A	Specific Gravity (H₂O=1, at 4C): N/A
Melting Point/Freezing Point: N/A	Water Solubility: Soluble
Low/High Boiling Point: N/A	Partition Coefficient: N/A
Flash point: N/A	Auto-Ignition Temperature: N/A
Evaporation Rate : N/A	Decomposition Temperature: N/A
Flammability: N/A	Viscosity: N/A
UEL/LEL: N/A	% Volatile: N/A

Section 10 - Stability and Reactivity

10.1 Reactivity: Stable

10.2 Chemical Stability: Contact between tetrasodium pyrophosphate and strong oxidizing agents or acids should be avoided.

10.3 Possibility of hazardous reactions: N/A

10.4 Conditions to avoid: N/A

10.5 Incompatible Materials: N/A

10.6 Hazardous Decomposition Products: N/A

Section 11 - Toxicological Information

11.1 Information on Toxicological Effects:

Acute toxicity – Oral	LD50 4000 mg/kg (rats)
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Skin Corrosion/Irritation: Skin irritation, rabbit. Non-irritating.

Serious Eye Damage/Irritation: Eye irritation, rabbit. Moderately to severely irritating.

Respiratory/Skin Sensitization: No data

Germ Cell Mutagenicity: N/A

Carcinogenicity: This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be “probable” or “suspected” human carcinogens. No additional test data found for product

Reproductive Toxicity: N/A

Specific Target Organ Toxicity - Single Exposure: N/A

Specific Target Organ Toxicity - Repeated Exposure: N/A

Potential Health Effects - Miscellaneous: None known

Section 12 - Ecological Information

12.1 Ecotoxicity: N/A

12.2 Persistence and Degradability: No data. Although the alkalinity of this material is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.

12.3 Bioaccumulative Potential: N/A

12.4 Mobility in Soil: N/A

13 - Disposal Considerations

13.1 Waste Treatment Methods:

The addition of chemicals or processing resulting in the altering of this material has the potential to make this information incomplete. Consult state and local regulations regarding the proper disposal of this material.

Section 14 - Transport Information

14.1 UN Number: N/A

14.2 UN Proper Shipping Name: N/A

14.3 Transport Hazard Class(es): N/A

14.4 Packing Group: N/A

14.5 Environmental Hazards: N/A

Section 15 - Regulatory Information

15.1 Safety Health and environmental regulation/legislation specific for the substance or mixture:
In the United States (EPA Regulations): N/A

TSCA Inventory Status (40 CFR710): N/A

SARA 302 Components: N/A

SARA 311/312 Hazard(s): N/A

SARA 313 Components: N/A

This product does not contain components that are regulated under California Proposition 65



Section 16 - Other Information

HMIS	
H	3
F	0
R	0

**SDS Version:** 2**Date Prepared:** 7/10/18

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



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are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.