



Safety Data Sheet

GHS Compliant

SDS No. PWGC

Section 1 - Identification

- 1.1 Product Identifier:** Perma Wet Gloss Coating
- 1.2 General Use:** Acrylic Sealer and Finishing Emulsion
- 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**
Repr. 1B H360
- 2.2 GHS Label elements, including precautionary statements**



Pictograms:

Signal Word: Danger

General

Precautions: H360 – May damage fertility or the unborn child
P201 – Obtain special instructions before use
P202 – Do not handle until all safety precautions have been read and understood
P280 – Wear eye protection, protective clothing, protective gloves
P308+P313- If exposed or concerned: Get medical advice/attention
P405 – Store locked up
P501 – Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

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

Section 3 - Composition / Information on Ingredients

3.1 Substances

Name	CAS#	% by Weight
1-Methyl-2-pyrrolidone	(CAS No) 872-50-4	3-7*

*In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR 1910.1200), the specific chemical identity or exact weight % has been withheld as a trade secret

Section 4 - First Aid Measures



4.1 Description of first aid measures

Inhalation: IF INHALED: Remove to fresh air and keep at rest in position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.

Eye Contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing if pain, blinking, or irritation develops or persists, get medical attention. Continue thoroughly rinsing.

Skin Contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention immediately.

Ingestion: IF SWALLOWED: Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed:

- Symptoms/Injuries : May damage fertility or the unborn child
- Symptoms/Injuries : May cause respiratory irritation
- Symptoms/Injuries : May cause skin irritation
- Symptoms/Injuries : Direct contact with eyes is likely to be irritating
- Symptoms/Injuries : May cause gastrointestinal irritation
- Chronic Symptoms : May damage fertility or the unborn child

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

Section 5 - Fire-Fighting Measures

- 5.1 Extinguishing Media:** Carbon dioxide. Dry powder. Foam.
- 5.2 Special hazards arising from the substance or mixture:** No dangerous reactions known under normal conditions of use.
- 5.3 Advice for firefighters:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Do not enter fire area without proper protective equipment, including respiratory protection. Wear self-contained breathing apparatus and protective suit

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. Notify authorities if liquid enters sewers or public waters. Avoid release into environment.
- 6.3 Methods and materials for containment and cleaning up:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Prevent entry to sewers and public waters. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Exclude sources of ignition and ventilate the area. Place in a suitable container for disposal in accordance with the waste regulations.

**Section 7 - Handling and Storage**

- 7.1 Precautions for safe handling:** Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep away from sources of ignition – No smoking.
- 7.2 Conditions for safe storage, including any incompatibilities:**
Keep tightly sealed in containers and store in dry, cool and well-ventilated indoor place.
Keep away from ignition sources.

Section 8 – Exposure Controls / Personal Protection

- 8.1 Control Parameters:**
Exposure controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.
- Respiratory Protections:** Use NIOSH (or other equivalent national standard) – approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.
- Hand Protection:** Impervious (chemical-/oil-proof) protective gloves
- Eye Protection:** Safety glasses with side shield. (Goggle type if necessary)
- Other Protective Clothing/Equipment:** Antistatic finish long-sleeve clothing
- Comments:** Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Section 9 - Physical and Chemical Properties**9.1 Information on basic physical and chemical properties:**

Appearance: Liquid, White	Vapor Pressure: N/A
Odor/Threshold: Slight	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: Dilutable
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:** No self-reactivity
- 10.3 Possibility of hazardous reactions:** N/A
- 10.4 Conditions to avoid:** N/A
- 105. Incompatible Materials:** Strong acids. Strong bases. Strong oxidizing agents.
- 10.6 Hazardous Decomposition Products:** Carbon oxides (CO, CO₂)

**Section 11 - Toxicological Information****11.1 Information on Toxicological Effects:**

1-Methyl-2-pyrrolidone (872-50-4)	
LD50 Oral Rat	3598 mg/kg
LD50 Dermal Rabbit	8 g/kg

Skin Corrosion/Irritation: May cause skin irritation

Serious Eye Damage/Irritation: Direct contact with eyes likely to be irritating

Respiratory/Skin Sensitization: May cause respiratory irritation

Germ Cell Mutagenicity: N/A

Carcinogenicity: N/A

Ethyl acrylate (140-88-5)	
IARC group	2B – Possibly carcinogenic to humans

Benzene (71-43-2)	
IARC group	1 – Carcinogenic to humans
National Toxicology Program (NTP) Status	2 – Known Human Carcinogens

Reproductive Toxicity: May damage fertility or the unborn child

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: N/A

12.3 Bioaccumulative Potential: N/A

12.4 Mobility in Soil: N/A

13 - Disposal Considerations

13.1 Waste Treatment Methods: Obtain the consent of pollution control authorities before discharging to wastewater treatment plants. Dispose of in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

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):** Not listed



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1-Methyl-2-pyrrolidone (872-50-4)	
Section 313	Listed on US SARA Section 313

US State Regulations

WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

1-Methyl-2-pyrrolidone (872-50-4)				
U.S. – California – Proposition 65 – Carcinogens List	U.S. – California – Proposition 65 – Developmental Toxicity	U.S. – California – Proposition 65 – Reproductive Toxicity - Female	U.S. – California – Proposition 65 – Reproductive Toxicity - Male	Maximum allowable dose level (MADL)
No	Yes	No	No	N/A

Ethyl acrylate (140-88-5)				
U.S. – California – Proposition 65 – Carcinogens List	U.S. – California – Proposition 65 – Developmental Toxicity	U.S. – California – Proposition 65 – Reproductive Toxicity - Female	U.S. – California – Proposition 65 – Reproductive Toxicity - Male	Non-significant risk level (NSRL)
Yes	No	No	No	N/A

Benzene (71-43-2)				
U.S. – California – Proposition 65 – Carcinogens List	U.S. – California – Proposition 65 – Developmental Toxicity	U.S. – California – Proposition 65 – Reproductive Toxicity - Female	U.S. – California – Proposition 65 – Reproductive Toxicity - Male	Non-significant risk level (NSRL) Maximum allowable dose level (MADL)
Yes	Yes	No	Yes	13 (inhalation) 6.4 (oral) ug/day 49 (inhalation) 24 (oral) ug/day

1-Methyl-2-pyrrolidone (872-50-4)				
U.S. – Massachusetts – Right to Know List				
U.S. – New Jersey – Right to Know Hazardous Substance List				
U.S. – Pennsylvania – RTK (Right to Know) List				

Ethylhexanol (104-76-7)				
U.S. – Massachusetts – Right to Know List				
U.S. – Pennsylvania – RTK (Right to Know) List				

Stoddard solvent (8052-41-3)				
U.S. – New Jersey – Right to Know Hazardous Substance List				
U.S. – Massachusetts – Right to Know List				
U.S. – Pennsylvania – RTK (Right to Know) List				



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Oct-1-ene (111-66-0)
U.S. – Pennsylvania – RTK (Right to Know) List U.S. – Massachusetts – Right to Know List

Benzene, 1,2,4-trimethyl- (95-63-6)
U.S. – New Jersey – Right to Know Hazardous Substance List U.S. – Massachusetts – Right to Know List U.S. – Pennsylvania – RTK (Right to Know) – Environmental Hazard List

Benzoate esters (Proprietary)
U.S. – State Right To Know List (Unknown)

Benzoate esters (Proprietary)
U.S. – Pennsylvania – RTK (Right to Know) List

TSCA Inventory Status (40 CFR710): N/A

SARA 302 Components: N/A

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

Section 16 - Other Information

HMIS	
H	3
F	1
R	0



SDS Version: 2

Date Prepared: 7/16/18

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 and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRAEmergency 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;



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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.