SECTION 1: IDENTIFICATION

Product Identifier
Product Form: Mixture
Product Name: Pro Primer W
Synonyms: Pro Primer W Resin

Intended Use of the Product
Use of the Substance/Mixture: Liquid-applied Waterproofing System - Component. For professional use only.

Company
Siplast, Inc.
1000 East Rochelle Blvd
Irving, TX 75062
T 800-922-8800
www.siplast.com

Manufacturer
Siplast, Inc.
35 McClelland Blvd
Arkadelphia, AR 71923
T 870-246-9000

Emergency Telephone Number
Emergency number: 800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)
- Flam. Liq. 2: H225
- Skin Irrit. 2: H315
- Eye Irrit. 2A: H319
- Resp. Sens. 1: H334
- Skin Sens. 1: H317
- Repr. 1B: H360
- STOT SE 3: H335
- Aquatic Acute 3: H402
- Aquatic Chronic 2: H411

Label Elements
GHS-US Labeling

Hazard Pictograms (GHS-US): 

Signal Word (GHS-US): Danger

Hazard Statements (GHS-US):
- H225 - Highly flammable liquid and vapor.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 - May cause respiratory irritation.
- H360 - May damage fertility or the unborn child.
- H402 - Harmful to aquatic life.

Precautionary Statements (GHS-US):
- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, respiratory protection.
P284 - [In case of inadequate ventilation] wear respiratory protection.
P302+P352 - If on skin: Wash with plenty of water.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P310 - If you feel unwell.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P336+P355 - If eye irritation or rash occurs: Get medical advice/attention.
P337+P313 - If skin irritation persists: Get medical advice/attention.
P342+P311 - If experiencing respiratory symptoms: Call a poison center/doctor.
P362 - Take off contaminated clothing and wash before reuse.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use appropriate media to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

Other Hazards

Other Hazards Not Contributing to the Classification:

Other Hazards: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Flammable vapors can accumulate in head space of closed systems. Thermal decomposition generates toxic vapors.

Unknown Acute Toxicity (GHS-US): Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Name</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
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<tr>
<td></td>
<td>Bisphenol A-epichlorohydrin polymer</td>
<td>(CAS No) 25068-38-6</td>
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</tr>
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<td>Eye Irrit. 2A, H319</td>
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<td>Skin Sens. 1, H317</td>
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<td></td>
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<td>Aquatic Chronic 2, H411</td>
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<tr>
<td></td>
<td>Methacrylate</td>
<td>(CAS No) 80-62-6</td>
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<td>Flam. Liq. 2, H225</td>
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<td>Skin Irrit. 2, H315</td>
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<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2B, H320</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Resp. Sens. 1, H334</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1, H317</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H335</td>
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<td>Aquatic Acute 3, H402</td>
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<th>CAS No.</th>
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<th>Eye Irrit.</th>
<th>Skin Sens.</th>
<th>Comb. Dust</th>
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<td>2082-81-7</td>
<td>1,4-Butanediol dimethacrylate</td>
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<td>1B, H317</td>
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<td>872-50-4</td>
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<td>2A, H319</td>
<td>1B, H317</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.

Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

Most Important Symptoms and Effects Both Acute and Delayed

General: Eye irritation. Skin irritation. May cause an allergic skin reaction. Irritation of respiratory tract. Inhalation may cause allergic respiratory reaction with asthma-like symptoms and difficulty breathing. May damage fertility or the unborn child.

Inhalation: May cause respiratory irritation. Exposure may produce an allergic reaction. May cause drowsiness or dizziness. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Eye Contact: Causes eye irritation.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: May damage fertility or the unborn child.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

Unsuitable Extinguishing Media: Do not use extinguishing media containing water.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Highly flammable liquid and vapor.

Explosion Hazard: May form flammable/explosive vapor-air mixture.

Reactivity: Product may polymerize at 60°C (>140°F), causing an exothermic reaction which may cause container damage or fire. May react with peroxides, oxidizers, and incompatibilities.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.


Other information: Do not allow run-off from fire fighting to enter drains or water courses.
Reference to Other Sections
Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid all eyes and skin contact and do not breathe vapor and mist. Do not allow product to spread into the environment. Handle in accordance with good industrial hygiene and safety practice.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection. Use appropriate personal protection equipment (PPE).

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material. Contact competent authorities after a spill.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. Product may polymerize at 60°C (>140°F), causing an exothermic reaction which may cause container damage or fire. May react with peroxides, oxidizers, and incompatibilities. When heated to decomposition, emits toxic fumes.

Hygiene Measures: 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 again when leaving work. Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do no eat, drink or smoke when using this product.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep/Store away from extremely high or low temperatures, ignition sources, combustible materials, heat, direct sunlight, incompatible materials.


Specific End Use(s)

Liquid-applied Waterproofing System - Component.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

<table>
<thead>
<tr>
<th>Material</th>
<th>Mexico OEL TWA (mg/m³)</th>
<th>Mexico OEL TWA (ppm)</th>
<th>Mexico OEL STEL (mg/m³)</th>
<th>Mexico OEL STEL (ppm)</th>
<th>USA ACGIH ACGIH TWA (ppm)</th>
<th>USA ACGIH ACGIH STEL (ppm)</th>
<th>USA OSHA OSHA PEL (TWA) (mg/m³)</th>
<th>USA OSHA OSHA PEL (TWA) (ppm)</th>
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<tr>
<td>Methyl methacrylate (80-62-6)</td>
<td>410 mg/m³</td>
<td>100 ppm</td>
<td>510 mg/m³</td>
<td>125 ppm</td>
<td>50 ppm</td>
<td>100 ppm</td>
<td>410 mg/m³</td>
<td>100 ppm</td>
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</table>
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<table>
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<th>Location</th>
<th>Standard</th>
<th>Measurement Unit</th>
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<td>ppm</td>
<td>100</td>
</tr>
<tr>
<td>Manitoba</td>
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<td>100</td>
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<td>ppm</td>
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<td>100</td>
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<tr>
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</tr>
<tr>
<td>Northwest Territories</td>
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<td>Northwest Territories</td>
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## Paraffin waxes and Hydrocarbon waxes (8002-74-2)

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<td>OEL STEL</td>
<td>mg/m³</td>
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</tr>
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<td>ACGIH TWA</td>
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<td>Northwest Territories</td>
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</table>
Exposure Controls

Appropriate Engineering Controls: Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas.


Materials for Protective Clothing: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

Thermal Hazard Protection: Wear suitable protective clothing.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<td>Physical State</td>
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<tr>
<td>Appearance</td>
<td>Colorless</td>
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<tr>
<td>Odor</td>
<td>Methyl methacrylate</td>
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<td>pH</td>
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<tr>
<td>Evaporation Rate</td>
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<tr>
<td>Melting Point</td>
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</tr>
<tr>
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<td>Boiling Point</td>
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<td>Flash Point</td>
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<tr>
<td>Auto-ignition Temperature</td>
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</tr>
<tr>
<td>Decomposition Temperature</td>
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<tr>
<td>Flammability (solid, gas)</td>
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<td>Lower Flammable Limit</td>
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<td>Upper Flammable Limit</td>
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<tr>
<td>Vapor Pressure</td>
<td>&gt; 50 hPa @50°C (122°F)</td>
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</table>
**Pro Primer W**

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**Relative Vapor Density at 20 °C**: Not available

**Relative Density**: Not available

**Density**: 0.99 g/l (@21°C (69.8°F))

**Specific Gravity**: Not available

**Solubility**: In water, material is partially soluble.

**Partition coefficient: n-octanol/water**: Not available

**Viscosity**: Efflux time 12-30 sec @20°C (68°F)

**Explosion Data – Sensitivity to Mechanical Impact**: Not expected to present an explosion hazard due to mechanical impact.

**Explosion Data – Sensitivity to Static Discharge**: Static discharge could act as an ignition source.

---

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity**: Product may polymerize at 60°C (>140°F), causing an exothermic reaction which may cause container damage or fire. May react with peroxides, oxidizers, and incompatibilities.

**Chemical Stability**: Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

**Possibility of Hazardous Reactions**: Hazardous polymerization may occur.

**Conditions to Avoid**: Direct sunlight. Extremely high or low temperatures. Heat. Ignition sources. Incompatible materials.


---

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects - Product**

**Acute Toxicity**: Not classified

**LD50 and LC50 Data**: Not available

**Skin Corrosion/Irritation**: Causes skin irritation.

**Serious Eye Damage/Irritation**: Causes serious eye irritation.

**Respiratory or Skin Sensitization**: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

**Germ Cell Mutagenicity**: Not classified

**Teratogenicity**: Not available

**Carcinogenicity**: Not classified

**Specific Target Organ Toxicity (Repeated Exposure)**: Not classified

**Reproductive Toxicity**: May damage fertility or the unborn child.

**Specific Target Organ Toxicity (Single Exposure)**: May cause respiratory irritation.

**Aspiration Hazard**: Not classified

**Symptoms/Injuries After Inhalation**: May cause respiratory irritation. Exposure may produce an allergic reaction. May cause drowsiness or dizziness. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Symptoms/Injuries After Skin Contact**: Causes skin irritation. May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact**: Causes eye irritation.

**Symptoms/Injuries After Ingestion**: Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms**: May damage fertility or the unborn child.

**Information on Toxicological Effects - Ingredient(s)**

**LD50 and LC50 Data:**

- **2-Propanol, 1,1'-(4-methylphenyl)imino)bis- (38668-48-3)**
  - LD50 Oral Rat: 25 mg/kg

- **Methyl methacrylate (80-62-6)**
  - LC50 Inhalation Rat: 4632 ppm/4h

- **Bisphenol A-epichlorohydrin polymer (25068-38-6)**
  - LD50 Oral Rat: > 2000 mg/kg
  - LD50 Dermal Rat: > 2000 mg/kg
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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ PREPARATION

**Chemical Name:** Paraffin waxes and Hydrocarbon waxes (8002-74-2)

**Chemical Abstracts Service (CAS) Number:** 8002-74-2

**IARC Group:** 1

**MCDS Number:** 69

**MDL Number:** 15962

**Synonyms:** Hydrocarbon waxes (8002-74-2)

**Section 1.2.2.2.** Additional Information: Avoid release to the environment.

**Section 1.3.** Transport Information

**Proper Shipping Name:** Paint

**Hazard Class:** 3

**Identification Number:** UN1263

**Label Codes:** 3

**Packing Group:** II

**Section 1.4.** Disposal Considerations

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Additional Information:** Handle empty containers with care because residual vapors are flammable.

**Section 2.** PHYSICAL AND CHEMICAL PROPERTIES

**LD50 Oral Rat:** > 3750 mg/kg

**LD50 Dermal Rabbit:** > 3600 mg/kg

**1-Methyl-2-pyrrolidone (872-50-4)**

**LD50 Oral Rat:** 4150 mg/kg

**LD50 Dermal Rabbit:** > 5000 mg/kg

**LC50 Inhalation Rat:** 5.1 mg/l/4h

**Methyl methacrylate (80-62-6)**

**IARC Group:** 3

**Section 12: ECOLOGICAL INFORMATION**

**Toxicity - Ecology - General:** Toxic to aquatic life with long lasting effects.

**Methyl methacrylate (80-62-6)**

**LC50 Fish 1:** 243 - 275 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

**EC50 Daphnia 1:** 69 mg/l (Exposure time: 48 h - Species: Daphnia magna)

**LC 50 Fish 2:** 125.5 - 190.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

**Bisphenol A-epichlorohydrin polymer (25068-38-6)**

**LOEC (acute):** 1 mg/l Daphnia magna

**NOEC chronic crustacea:** 0.3 mg/l Daphnia magna

**1-Methyl-2-pyrrolidone (872-50-4)**

**LC50 Fish 1:** 832 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

**EC50 Daphnia 1:** 4897 mg/l (Exposure time: 48 h - Species: Daphnia magna)

**LC 50 Fish 2:** 1072 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

**Persistence and Degradability**

**Pro Primer W:** May cause long-term adverse effects in the environment.

**Bioaccumulative Potential**

**Pro Primer W:** Not established.

**Methyl methacrylate (80-62-6)**

**Log Pow:** 0.7

**1-Methyl-2-pyrrolidone (872-50-4)**

**Log Pow:** -0.46 (at 25 °C)

**Mobility in Soil:** Not available

**Section 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Additional Information:** Handle empty containers with care because residual vapors are flammable.

**Section 14: TRANSPORT INFORMATION**

**14.1 In Accordance with DOT**

**Proper Shipping Name:** PAINT

**Hazard Class:** 3

**Identification Number:** UN1263

**Label Codes:** 3

**Packing Group:** II
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Marine Pollutant : Marine pollutant

ERG Number : 128

### 14.2 In Accordance with IMDG

**Proper Shipping Name** : PAINT
**Hazard Class** : 3
**Identification Number** : UN1263

**Packing Group** : II
**Label Codes** : 3
**EmS-No. (Fire)** : F-E
**EmS-No. (Spillage)** : S-E

### 14.3 In Accordance with IATA

**Proper Shipping Name** : PAINT
**Packing Group** : II
**Identification Number** : UN1263

**Hazard Class** : 3
**Label Codes** : 3
**ERG Code (IATA)** : 3L

### 14.4 In Accordance with TDG

**Proper Shipping Name** : PAINT
**Packing Group** : II
**Identification Number** : UN1263
**Hazard Class** : 3
**Label Codes** : 3

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

**SARA Section 311/312 Hazard Classes**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Hazard Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol, 1,1'-[(4-methylphenyl)imino]bis- (38668-48-3)</td>
<td>Fire hazard</td>
</tr>
<tr>
<td></td>
<td>Immediate (acute) health hazard</td>
</tr>
<tr>
<td></td>
<td>Delayed (chronic) health hazard</td>
</tr>
<tr>
<td>Methyl methacrylate (80-62-6)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>Bisphenol A-epichlorohydrin polymer (25068-38-6)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>1,4-Butanediol dimethacrylate (2082-81-7)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes (8002-74-2)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>1-Methyl-2-pyrrolidone (872-50-4)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
</tbody>
</table>

**EPA TSCA Regulatory Flag**

- **I** - Indicates a substance is listed on the United States TSCA (Toxic Substances Control Act) inventory
- **T** - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

**SARA Section 313 - Emission Reporting**

- 1.0 %
1-Methyl-2-pyrrolidone (872-50-4)

**U.S. - California - Proposition 65 - Developmental Toxicity**

**WARNING:** This product contains chemicals known to the State of California to cause birth defects.

**Methyl methacrylate (80-62-6)**

**U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)**

**U.S. - Colorado - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues**

**U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)**

**U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)**

**U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities**

**U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations**

**U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)**

**U.S. - Idaho - Occupational Exposure Limits - TWAs**

**U.S. - Illinois - Toxic Air Contaminants**

**U.S. - Louisiana - Reportable Quantity List for Pollutants**

**U.S. - Maine - Air Pollutants - Hazardous Air Pollutants**

**U.S. - Massachusetts - Allowable Ambient Limits (AALs)**

**U.S. - Massachusetts - Allowable Threshold Concentrations (ATCs)**

**U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1**

**U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2**

**U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity**

**U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1**

**U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2**

**RTK - U.S. - Massachusetts - Right To Know List**

**U.S. - Massachusetts - Threshold Effects Exposure Limits (TEls)**

**U.S. - Massachusetts - Toxics Use Reduction Act**

**U.S. - Michigan - Occupational Exposure Limits - TWAs**

**U.S. - Michigan - Polluting Materials List**

**U.S. - Minnesota - Chemicals of High Concern**

**U.S. - Minnesota - Hazardous Substance List**

**U.S. - Minnesota - Permissible Exposure Limits - TWAs**

**U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour**

**U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual**

**U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances**

**U.S. - New Jersey - Environmental Hazardous Substances List**

**RTK - U.S. - New Jersey - Right to Know Hazardous Substance List**

**U.S. - New Jersey - Special Health Hazards Substances List**

**U.S. - New York - Occupational Exposure Limits - TWAs**

**U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances**

**U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour**

**U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour**

**U.S. - North Dakota - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues**

**U.S. - Oregon - Permissible Exposure Limits - TWAs**

**RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**

**RTK - U.S. - Pennsylvania - RTK (Right to Know) List**

**U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 24-Hour**

**U.S. - South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations**

**U.S. - South Carolina - Toxic Air Pollutants - Pollutant Categories**

**U.S. - Tennessee - Occupational Exposure Limits - TWAs**

**U.S. - Texas - Effects Screening Levels - Long Term**

**U.S. - Texas - Effects Screening Levels - Short Term**

**U.S. - Vermont - Hazardous Waste - Hazardous Constituents**

**U.S. - Vermont - Permissible Exposure Limits - TWAs**
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U.S. - Washington - Dangerous Waste - Dangerous Waste Constituents List
U.S. - Washington - Dangerous Waste - Discarded Chemical Products List
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

Bisphenol A-epichlorohydrin polymer (25068-38-6)
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Paraffin waxes and Hydrocarbon waxes (8002-74-2)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Oregon - Permissible Exposure Limits - TWAs
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Tennessee - Occupational Exposure Limits - TWAs
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs

1-Methyl-2-pyrrolidone (872-50-4)
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Maine - Chemicals of High Concern
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Minnesota - Chemicals of High Concern
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
U.S. - New Jersey - Environmental Hazardous Substances List
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New Jersey - Special Health Hazards Substances List
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Canadian Regulations

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WHMIS Classification
Class B Division 2 - Flammable Liquid
Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Class D Division 2 Subdivision B - Toxic material causing other toxic effects
### 2-Propanol, 1,1'-(4-methylphenylimino)bis- (38668-48-3)

Listed on the Canadian DSL (Domestic Substances List)

**WHMIS Classification**
- Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects
- Class D Division 2 Subdivision B - Toxic material causing other toxic effects

### Methyl methacrylate (80-62-6)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

**IDL Concentration 1 %**

**WHMIS Classification**
- Class B Division 2 - Flammable Liquid
- Class D Division 2 Subdivision B - Toxic material causing other toxic effects
- Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

### Bisphenol A-epichlorohydrin polymer (25068-38-6)

Listed on the Canadian DSL (Domestic Substances List)

**WHMIS Classification**
- Class D Division 2 Subdivision B - Toxic material causing other toxic effects

### 1,4-Butanediol dimethacrylate (2082-81-7)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

**IDL Concentration 1 %**

**WHMIS Classification**
- Class D Division 2 Subdivision B - Toxic material causing other toxic effects

### Paraffin waxes and Hydrocarbon waxes (8002-74-2)

Listed on the Canadian DSL (Domestic Substances List)

**WHMIS Classification**
- Uncontrolled product according to WHMIS classification criteria

### 1-Methyl-2-pyrrolidone (872-50-4)

Listed on the Canadian DSL (Domestic Substances List)

**WHMIS Classification**
- Class B Division 3 - Combustible Liquid
- Class D Division 2 Subdivision B - Toxic material causing other toxic effects
- Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision date**: 05/24/15

**Other Information**: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 2 (Oral)</th>
<th>Acute toxicity (oral) Category 2</th>
</tr>
</thead>
<tbody>
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<td>Acute Tox. 3 (Dermal)</td>
<td>Acute toxicity (dermal) Category 3</td>
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<tr>
<td>Acute Tox. 3 (Inhalation:vapour)</td>
<td>Acute toxicity (inhalation:vapour) Category 3</td>
</tr>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral) Category 4</td>
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<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 1</td>
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<tr>
<td>Aquatic Acute 2</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Acute 3</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 3</td>
</tr>
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<td>Asp. Tox. 1</td>
<td>Aspiration hazard Category 1</td>
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<td>Carc. 1B</td>
<td>Carcinogenicity Category 1B</td>
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<td>Combustible Dust</td>
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<td>Eye Dam. 1</td>
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<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
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<td>Eye Irrit. 2B</td>
<td>Serious eye damage/eye irritation Category 2B</td>
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<td>Flam. Liq. 1</td>
<td>Flammable liquids Category 1</td>
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<td>Flam. Liq. 2</td>
<td>Flammable liquids Category 2</td>
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<td>Flam. Liq. 4</td>
<td>Flammable liquids Category 4</td>
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<td>Muta. 1B</td>
<td>Germ cell mutagenicity Category 1B</td>
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<td>Repr. 1B</td>
<td>Reproductive toxicity Category 1B</td>
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<td>Repr. 2</td>
<td>Reproductive toxicity Category 2</td>
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<td>Resp. Sens. 1</td>
<td>Respiratory sensitisation Category 1</td>
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<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
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<td>Skin Sens. 1</td>
<td>Skin sensitization Category 1</td>
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<td>Skin Sens. 1B</td>
<td>Skin sensitization Category 1B</td>
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<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
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<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
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<td>H224</td>
<td>Extremely flammable liquid and vapor</td>
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<td>H225</td>
<td>Highly flammable liquid and vapor</td>
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<tr>
<td>H227</td>
<td>Combustible liquid</td>
</tr>
<tr>
<td>H232</td>
<td>May form combustible dust concentrations in air</td>
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<tr>
<td>H300</td>
<td>Fatal if swallowed</td>
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<td>H302</td>
<td>Harmful if swallowed</td>
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<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
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<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
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<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
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<td>H318</td>
<td>Causes serious eye damage</td>
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<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
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<td>H320</td>
<td>Causes eye irritation</td>
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<td>H331</td>
<td>Toxic if inhaled</td>
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<tr>
<td>H334</td>
<td>May cause allergy or asthma symptoms or breathing difficulties if inhaled</td>
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<td>H335</td>
<td>May cause respiratory irritation</td>
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<td>H336</td>
<td>May cause drowsiness or dizziness</td>
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<td>H340</td>
<td>May cause genetic defects</td>
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<td>H350</td>
<td>May cause cancer</td>
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<td>H360</td>
<td>May damage fertility or the unborn child</td>
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<td>H361</td>
<td>Suspected of damaging fertility or the unborn child</td>
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<td>H400</td>
<td>Very toxic to aquatic life</td>
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<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
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<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
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<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>
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Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Party Responsible for the Preparation of This Document
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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012 & WHMS