

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** Pro Primer T

**Synonyms:** Pro Primer T Resin

### Intended Use of the Product

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

### Name, Address, and Telephone of the Responsible Party

#### **Company**

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

[www.siplast.com](http://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  
Acute Tox. 4 (Oral)   H302  
Skin Irrit. 2           H315  
Eye Irrit. 2B          H320  
Resp. Sens. 1          H334  
Skin Sens. 1          H317  
STOT SE 3            H335  
Aquatic Acute 3       H402

### Label Elements

#### **GHS-US Labeling**

#### **Hazard Pictograms (GHS-US)**



#### **Signal Word (GHS-US)**

: Danger

#### **Hazard Statements (GHS-US)**

: H225 - Highly flammable liquid and vapor.  
H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H320 - Causes eye irritation.  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 - May cause respiratory irritation.  
H402 - Harmful to aquatic life.

#### **Precautionary Statements (GHS-US)**

: 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.  
P261 - Avoid breathing vapors, mist, spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

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- P270 - Do not eat, drink or smoke when using this product.
- 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.
- P301+P312 - If swallowed: Call a poison center/doctor if you feel unwell.
- 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.
- P312 - Call a poison center/doctor if you feel unwell.
- P321 - Specific treatment (see section 4).
- P330 - Rinse mouth.
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 - If eye 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 in accordance with local, regional, national, territorial, provincial, and international regulations.

### Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Flammable vapors can accumulate in head space of closed systems.

**Unknown Acute Toxicity (GHS-US)** Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

| Name  | Product Identifier  | % (w/w) | Classification (GHS-US)   |
|---|---------------------|---------|---|
| Methyl methacrylate                           | (CAS No) 80-62-6    | 50 - 80 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Eye Irrit. 2B, H320<br>Resp. Sens. 1, H334<br>Skin Sens. 1, H317<br>STOT SE 3, H335<br>Aquatic Acute 3, H402 |
| 2,2,4-Trimethyl-1,3-pentanediol diisobutyrate | (CAS No) 6846-50-0  | 1 - 3   | Aquatic Acute 2, H401<br>Aquatic Chronic 3, H412  |
| 2-Propanol, 1,1'-[(4-methylphenyl)imino]bis-  | (CAS No) 38668-48-3 | 0 - 5   | Acute Tox. 2 (Oral), H300<br>Eye Irrit. 2A, H319<br>Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412  |
| Paraffin waxes and Hydrocarbon waxes          | (CAS No) 8002-74-2  | 0 - 2   | Comb. Dust  |

Full text of H-phrases: see section 16

### 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:** Harmful if swallowed. Eye irritation. Skin irritation. May cause an allergic skin reaction. Irritation of respiratory tract.

**Inhalation:** May cause respiratory irritation. Exposure may produce an allergic reaction. May cause drowsiness or dizziness.

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

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Swallowing a small quantity of this material will result in serious health hazard.

**Chronic Symptoms:** Not available

#### 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 (CO<sub>2</sub>)

**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.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Hydrocarbons. Black smoke.

**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).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

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

**Emergency Procedures:** Ventilate area.



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### **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 not 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.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

### **Specific End Use(s)**

Liquid-applied Waterproofing System - Component.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

| <b>Methyl methacrylate (80-62-6)</b> |                                      |                       |
|--------------------------------------|--------------------------------------|-----------------------|
| <b>Mexico</b>                        | OEL TWA (mg/m <sup>3</sup> )         | 410 mg/m <sup>3</sup> |
| <b>Mexico</b>                        | OEL TWA (ppm)                        | 100 ppm               |
| <b>Mexico</b>                        | OEL STEL (mg/m <sup>3</sup> )        | 510 mg/m <sup>3</sup> |
| <b>Mexico</b>                        | OEL STEL (ppm)                       | 125 ppm               |
| <b>USA ACGIH</b>                     | ACGIH TWA (ppm)                      | 50 ppm                |
| <b>USA ACGIH</b>                     | ACGIH STEL (ppm)                     | 100 ppm               |
| <b>USA OSHA</b>                      | OSHA PEL (TWA) (mg/m <sup>3</sup> )  | 410 mg/m <sup>3</sup> |
| <b>USA OSHA</b>                      | OSHA PEL (TWA) (ppm)                 | 100 ppm               |
| <b>USA NIOSH</b>                     | NIOSH REL (TWA) (mg/m <sup>3</sup> ) | 410 mg/m <sup>3</sup> |
| <b>USA NIOSH</b>                     | NIOSH REL (TWA) (ppm)                | 100 ppm               |
| <b>USA IDLH</b>                      | US IDLH (ppm)                        | 1000 ppm              |
| <b>Alberta</b>                       | OEL STEL (mg/m <sup>3</sup> )        | 410 mg/m <sup>3</sup> |
| <b>Alberta</b>                       | OEL STEL (ppm)                       | 100 ppm               |
| <b>Alberta</b>                       | OEL TWA (mg/m <sup>3</sup> )         | 205 mg/m <sup>3</sup> |
| <b>Alberta</b>                       | OEL TWA (ppm)                        | 50 ppm                |
| <b>British Columbia</b>              | OEL STEL (ppm)                       | 100 ppm               |
| <b>British Columbia</b>              | OEL TWA (ppm)                        | 50 ppm                |
| <b>Manitoba</b>                      | OEL STEL (ppm)                       | 100 ppm               |
| <b>Manitoba</b>                      | OEL TWA (ppm)                        | 50 ppm                |
| <b>New Brunswick</b>                 | OEL TWA (mg/m <sup>3</sup> )         | 410 mg/m <sup>3</sup> |



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|   |                                      |                            |
|---|--------------------------------------|----------------------------|
| <b>New Brunswick</b>                                    | OEL TWA (ppm)                        | 100 ppm                    |
| <b>Newfoundland &amp; Labrador</b>                      | OEL STEL (ppm)                       | 100 ppm                    |
| <b>Newfoundland &amp; Labrador</b>                      | OEL TWA (ppm)                        | 50 ppm                     |
| <b>Nova Scotia</b>                                      | OEL STEL (ppm)                       | 100 ppm                    |
| <b>Nova Scotia</b>                                      | OEL TWA (ppm)                        | 50 ppm                     |
| <b>Nunavut</b>  | OEL STEL (mg/m <sup>3</sup> )        | 510 mg/m <sup>3</sup>      |
| <b>Nunavut</b>  | OEL STEL (ppm)                       | 125 ppm                    |
| <b>Nunavut</b>  | OEL TWA (mg/m <sup>3</sup> )         | 410 mg/m <sup>3</sup>      |
| <b>Nunavut</b>  | OEL TWA (ppm)                        | 100 ppm                    |
| <b>Northwest Territories</b>                            | OEL STEL (mg/m <sup>3</sup> )        | 510 mg/m <sup>3</sup>      |
| <b>Northwest Territories</b>                            | OEL STEL (ppm)                       | 125 ppm                    |
| <b>Northwest Territories</b>                            | OEL TWA (mg/m <sup>3</sup> )         | 410 mg/m <sup>3</sup>      |
| <b>Northwest Territories</b>                            | OEL TWA (ppm)                        | 100 ppm                    |
| <b>Ontario</b>  | OEL STEL (ppm)                       | 100 ppm                    |
| <b>Ontario</b>  | OEL TWA (ppm)                        | 50 ppm                     |
| <b>Prince Edward Island</b>                             | OEL STEL (ppm)                       | 100 ppm                    |
| <b>Prince Edward Island</b>                             | OEL TWA (ppm)                        | 50 ppm                     |
| <b>Québec</b>   | VEMP (mg/m <sup>3</sup> )            | 205 mg/m <sup>3</sup>      |
| <b>Québec</b>   | VEMP (ppm)                           | 50 ppm                     |
| <b>Saskatchewan</b>                                     | OEL STEL (ppm)                       | 100 ppm                    |
| <b>Saskatchewan</b>                                     | OEL TWA (ppm)                        | 50 ppm                     |
| <b>Yukon</b>  | OEL STEL (mg/m <sup>3</sup> )        | 510 mg/m <sup>3</sup>      |
| <b>Yukon</b>  | OEL STEL (ppm)                       | 125 ppm                    |
| <b>Yukon</b>  | OEL TWA (mg/m <sup>3</sup> )         | 410 mg/m <sup>3</sup>      |
| <b>Yukon</b>  | OEL TWA (ppm)                        | 100 ppm                    |
| <b>Paraffin waxes and Hydrocarbon waxes (8002-74-2)</b> |                                      |                            |
| <b>Mexico</b>   | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>Mexico</b>   | OEL STEL (mg/m <sup>3</sup> )        | 6 mg/m <sup>3</sup> (fume) |
| <b>USA ACGIH</b>  | ACGIH TWA (mg/m <sup>3</sup> )       | 2 mg/m <sup>3</sup> (fume) |
| <b>USA NIOSH</b>  | NIOSH REL (TWA) (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup> (fume) |
| <b>Alberta</b>  | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>British Columbia</b>                                 | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>Manitoba</b>   | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>New Brunswick</b>                                    | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>Newfoundland &amp; Labrador</b>                      | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>Nova Scotia</b>                                      | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>Nunavut</b>  | OEL STEL (mg/m <sup>3</sup> )        | 6 mg/m <sup>3</sup> (fume) |
| <b>Nunavut</b>  | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>Northwest Territories</b>                            | OEL STEL (mg/m <sup>3</sup> )        | 6 mg/m <sup>3</sup> (fume) |
| <b>Northwest Territories</b>                            | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>Ontario</b>  | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>Prince Edward Island</b>                             | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |
| <b>Québec</b>   | VEMP (mg/m <sup>3</sup> )            | 2 mg/m <sup>3</sup> (fume) |
| <b>Saskatchewan</b>                                     | OEL STEL (mg/m <sup>3</sup> )        | 4 mg/m <sup>3</sup>        |
| <b>Saskatchewan</b>                                     | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup>        |
| <b>Yukon</b>  | OEL STEL (mg/m <sup>3</sup> )        | 6 mg/m <sup>3</sup> (fume) |
| <b>Yukon</b>  | OEL TWA (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup> (fume) |

### 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.

**Personal Protective Equipment:** Protective clothing. Gloves. Insufficient ventilation: wear respiratory protection. Protective goggles.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Wear fire/flammable 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

|   |   |
|---|---|
| Physical State                                    | : Liquid  |
| Appearance  | : Colorless   |
| Odor  | : Methyl methacrylate   |
| Odor Threshold                                    | : Not available   |
| pH  | : ~ 7 (neutral)   |
| Evaporation Rate                                  | : Not available   |
| Melting Point                                     | : Not available   |
| Freezing Point                                    | : Not available   |
| Boiling Point                                     | : 100 °C (212.00 °F)  |
| Flash Point                                       | : 10 °C (50.00 °F)  |
| Auto-ignition Temperature                         | : Not available   |
| Decomposition Temperature                         | : Not available   |
| Flammability (solid, gas)                         | : Not available   |
| Lower Flammable Limit                             | : Not available   |
| Upper Flammable Limit                             | : Not available   |
| Vapor Pressure                                    | : > 50 hPa  |
| Relative Vapor Density at 20 °C                   | : Not available   |
| Relative Density                                  | : Not available   |
| Specific gravity / density                        | : 0.99 g/ml (@21°C (69.8°F))  |
| Specific Gravity                                  | : Not available   |
| Solubility  | : Partly soluble 20 g/l.  |
| Partition Coefficient: N-octanol/water            | : Not available   |
| Viscosity   | : Efflux time 14-18 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.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). May release flammable gases. Toxic gases. Nitrogen oxides. Hydrocarbons.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** Harmful if swallowed.

**LD50 and LC50 Data:**

|                      |                            |
|----------------------|----------------------------|
| <b>Pro Primer T</b>  |                            |
| <b>ATE US (oral)</b> | 1030.928 mg/kg body weight |

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

**pH:** ~ 7 (neutral)

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

**pH:** ~ 7 (neutral)

**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:** Not classified

**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.

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

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

**Symptoms/Injuries After Ingestion:** Swallowing a small quantity of this material will result in serious health hazard.

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

**LD50 and LC50 Data:**

|  |              |
|--|--------------|
| <b>2-Propanol, 1,1'-[(4-methylphenyl)imino]bis- (38668-48-3)</b> |              |
| <b>LD50 Oral Rat</b>   | 25 mg/kg     |
| <b>Methyl methacrylate (80-62-6)</b>                             |              |
| <b>LD50 Oral Rat</b>   | 7900 mg/kg   |
| <b>LC50 Inhalation Rat</b>                                       | 4632 ppm/4h  |
| <b>2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (6846-50-0)</b> |              |
| <b>LD50 Oral Rat</b>   | > 3200 mg/kg |
| <b>Paraffin waxes and Hydrocarbon waxes (8002-74-2)</b>          |              |
| <b>LD50 Oral Rat</b>   | > 3750 mg/kg |
| <b>LD50 Dermal Rabbit</b>  | > 3600 mg/kg |
| <b>Methyl methacrylate (80-62-6)</b>                             |              |
| <b>IARC Group</b>  | 3            |

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

Ecology - General: Harmful to aquatic life.

|  |  |
|--|--|
| <b>2-Propanol, 1,1'-[(4-methylphenyl)imino]bis- (38668-48-3)</b> |  |
| LC50 Fish 1  | 17 mg/l  |
| EC50 Daphnia 1   | 28.8 mg/l  |
| <b>Methyl methacrylate (80-62-6)</b>                             |  |
| 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])   |
| <b>2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (6846-50-0)</b> |  |
| LC50 Fish 1  | > 1.55 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])          |
| EC50 Daphnia 1   | > 1.46 mg/l (Exposure time: 48 h - Species: Daphnia magna)                         |

#### Persistence and Degradability

|                               |                  |
|-------------------------------|------------------|
| Pro Primer T                  |                  |
| Persistence and Degradability | Not established. |

#### Bioaccumulative Potential

|                                      |                  |
|--------------------------------------|------------------|
| Pro Primer T                         |                  |
| Bioaccumulative Potential            | Not established. |
| <b>Methyl methacrylate (80-62-6)</b> |                  |
| Log Pow                              | 0.7              |

**Mobility in Soil** Not available

#### Other Adverse Effects

Other Information: Avoid release to the environment.

### 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

#### In Accordance with DOT

Proper Shipping Name : PAINT  
 Hazard Class : 3  
 Identification Number : UN1263  
 Label Codes : 3  
 Packing Group : II  
 ERG Number : 128



#### 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





In Accordance with IATA

**Proper Shipping Name** : PAINT  
**Packing Group** : II  
**Identification Number** : UN1263  
**Hazard Class** : 3  
**Label Codes** : 3  
**ERG Code (IATA)** : 3L



**In Accordance with TDG**

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



### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

|   |  |
|---|--|
| <b>Pro Primer T</b>   |  |
| <b>SARA Section 311/312 Hazard Classes</b>                                | Fire hazard<br>Immediate (acute) health hazard |
| <b>2-Propanol, 1,1'-[(4-methylphenyl)imino]bis- (38668-48-3)</b>          |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>Methyl methacrylate (80-62-6)</b>                                      |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| Listed on United States SARA Section 313                                  |  |
| <b>SARA Section 313 - Emission Reporting</b>                              | 1.0 %  |
| <b>2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (6846-50-0)</b>          |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>Paraffin waxes and Hydrocarbon waxes (8002-74-2)</b>                   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |

#### US State Regulations

|   |
|---|
| <b>Methyl methacrylate (80-62-6)</b>  |
| 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  |



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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 (TELEs)  
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  
U.S. - Washington - Dangerous Waste - Dangerous Waste Constituents List  
U.S. - Washington - Dangerous Waste - Discarded Chemical Products List  
U.S. - Washington - Permissible Exposure Limits - STELEs  
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

## **2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (6846-50-0)**

U.S. - Minnesota - Chemicals of High Concern  
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 - HLEVs (30 min)  
U.S. - Connecticut - Hazardous Air Pollutants - HLEVs (8 hr)  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELEs)  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Michigan - Occupational Exposure Limits - TWAs

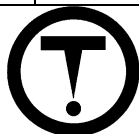
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U.S. - Minnesota - Hazardous Substance List  
 U.S. - Minnesota - Permissible Exposure Limits - TWAs  
 RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - New York - Occupational Exposure Limits - TWAs  
 U.S. - North Dakota - 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

### Canadian Regulations

#### Pro Primer T

|                      |  |
|----------------------|--|
| WHMIS Classification | Class B Division 2 - Flammable Liquid<br>Class D Division 2 Subdivision A - Very toxic material causing other toxic effects<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|--|



#### 2-Propanol, 1,1'-[(4-methylphenyl)imino]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<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|---|

#### 2-Propenoic acid, 2-methyl-, 1,6-hexanediyl ester (6606-59-3)

Listed on the Canadian NDSL (Non-Domestic Substances List)

|                      |   |
|----------------------|---|
| WHMIS Classification | 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<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects<br>Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |
|----------------------|--|

#### 2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (6846-50-0)

Listed on the Canadian DSL (Domestic Substances List)

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

#### 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 |
|----------------------|---|

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

|                          |   |
|--------------------------|---|
| <b>Revision Date</b>     | : 05/29/2015  |
| <b>Other Information</b> | : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. |



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## GHS Full Text Phrases:

|                     |   |
|---------------------|---|
| Acute Tox. 2 (Oral) | Acute toxicity (oral) Category 2  |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4  |
| Aquatic Acute 2     | Hazardous to the aquatic environment - Acute Hazard Category 2            |
| Aquatic Acute 3     | Hazardous to the aquatic environment - Acute Hazard Category 3            |
| Aquatic Chronic 3   | Hazardous to the aquatic environment - Chronic Hazard Category 3          |
| Comb. Dust          | Combustible Dust  |
| Eye Irrit. 2A       | Serious eye damage/eye irritation Category 2A                             |
| Eye Irrit. 2B       | Serious eye damage/eye irritation Category 2B                             |
| Flam. Liq. 2        | Flammable liquids Category 2  |
| Resp. Sens. 1       | Respiratory sensitisation Category 1                                      |
| Skin Irrit. 2       | Skin corrosion/irritation Category 2                                      |
| Skin Sens. 1        | Skin sensitization Category 1   |
| STOT SE 3           | Specific target organ toxicity (single exposure) Category 3               |
| H225                | Highly flammable liquid and vapor   |
| H232                | May form combustible dust concentrations in air                           |
| H300                | Fatal if swallowed  |
| H302                | Harmful if swallowed  |
| H315                | Causes skin irritation  |
| H317                | May cause an allergic skin reaction                                       |
| H319                | Causes serious eye irritation   |
| H320                | Causes eye irritation   |
| H334                | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H335                | May cause respiratory irritation  |
| H401                | Toxic to aquatic life   |
| H402                | Harmful to aquatic life   |
| H412                | Harmful to aquatic life with long lasting effects                         |

## 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 & WHMIS 2