**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** WELD-ON® P-70™ Low VOC Primer for PVC and CPVC Plastic Pipe

**PRODUCT USE:** Low VOC Primer for PVC and CPVC Plastic Pipe

**SUPPLIER:** MANUFACTURER: IPS Corporation

EMERGENCY: Transportation: CHEMTEL Tel. 800.255-3924, +1 813-248-0585 (International)

**SECTION 2 - HAZARDS IDENTIFICATION**

**GHS CLASSIFICATION:**

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Toxicity</th>
<th>Chronic Toxicity</th>
<th>Health</th>
<th>Physical</th>
<th>Environmental</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 2</td>
<td>Toxic</td>
<td>None Known</td>
<td>Category 4</td>
<td>None Known</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

**GHS LABEL:**

- Health: 2 (Severe), 3 (Moderate), 4 (Severe)
- Physical: 2 (Severe), 3 (Moderate), 4 (Severe)
- Environmental: None

**Signal Word:** Danger

**WHMIS CLASSIFICATION:** CLASS 2, DIVISION 2

**Hazard Statements:**
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P211: Avoid breathing dust/fume/gas/mist/vapors/spray
- P233: Store in a well ventilated place. Keep container tightly closed
- P234: Wear protective gloves/protective clothing/eye protection/face protection
- P252: Avoid contact with skin and eyes
- P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305+P351+P338: IN CASE OF CONTACT WITH EYES: Rinse immediately with plenty of water for 15 minutes and seek medical advice immediately.
- P312: Keep away from food, drink and2 cigarettes
- P403+P233: In case of fire: Use dry chemical powder, carbon dioxide gas, foam, Halon, water fog.
- P405: Wear self-contained breathing apparatus or full-face positive pressure airline masks.
- P407: Use personal protective equipment appropriate for the control of combined exposures orhigher concentrations.
- P501: Dispose of contents/container in accordance with local regulation

**Precautionary Statements:**
- P261: Avoid breathing dust/fume/gas/mist/vapors/spray
- P304: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing and call a POISON CENTER or doctor/physician.
- P305+P351+P338: IN CASE OF CONTACT WITH EYES: Rinse immediately with plenty of water for 15 minutes and seek medical advice immediately.
- P312: Keep away from food, drink and2 cigarettes
- P403+P233: In case of fire: Use dry chemical powder, carbon dioxide gas, foam, Halon, water fog.
- P405: Wear self-contained breathing apparatus or full-face positive pressure airline masks.
- P407: Use personal protective equipment appropriate for the control of combined exposures orhigher concentrations.
- P501: Dispose of contents/container in accordance with local regulation

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>CAS#</th>
<th>ENINECS #</th>
<th>Pre-registration Number</th>
<th>REACH</th>
<th>Concentration % by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>109-99-9</td>
<td>203-726-8</td>
<td>05-2116297729-22-0000</td>
<td>45 - 59</td>
<td></td>
</tr>
<tr>
<td>78-95-3</td>
<td>201-159-0</td>
<td>05-2116297728-24-0000</td>
<td>19 - 29</td>
<td></td>
</tr>
<tr>
<td>108-94-1</td>
<td>203-631-1</td>
<td>05-2116297718-25-0000</td>
<td>5 - 15</td>
<td></td>
</tr>
<tr>
<td>67-64-1</td>
<td>200-662-2</td>
<td>05-2116297713-35-0000</td>
<td>5 - 20</td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 4 - FIRST AID MEASURES**

**Contact with eyes:**
- Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.

**Contact with skin:**
- Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.

**Inhalation:**
- Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.

**Ingestion:**
- Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

**SECTION 5 - FIREFIGHTING MEASURES**

**Suitable Extinguishing Media:**
- Dry chemical powder, carbon dioxide gas, foam, Halon, water fog.

**Unsuitable Extinguishing Media:**
- Water spray or stream.

**Combustion Products:**
- Oxides of carbon and smoke

**Protection for Firefighters:**
- Self-contained breathing apparatus or full-face positive pressure airline masks.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:**
- Keep away from heat, sparks and open flame.
- Provide sufficient ventilation. Use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment.

**Environmental Precautions:**
- Prevent contact with skin or eyes (see section 8).

**Methods for Cleaning up:**
- Clean up with sand or other inert absorbent material. Transfer to a closable steel vessel.

**SECTION 7 - HANDLING AND STORAGE**

**Handling:**
- Avoid breathing of vapor, avoid contact with eyes, skin and clothing.

**Storage:**
- Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods.
- Do not eat, drink or smoke while handling.

**SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION**

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGH TLY</th>
<th>ACGH STEL</th>
<th>OSHA PEL</th>
<th>OSHA PEL Ceiling</th>
<th>CAL/OSHA PEL</th>
<th>CAL/OSHA Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrahydrofuran (THF)</td>
<td>50 ppm</td>
<td>100 ppm</td>
<td>200 ppm</td>
<td>N/E</td>
<td>200 ppm</td>
<td>N/E</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (MEK)</td>
<td>200 ppm</td>
<td>300 ppm</td>
<td>200 ppm</td>
<td>N/E</td>
<td>200 ppm</td>
<td>N/E</td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>20 ppm</td>
<td>50 ppm</td>
<td>50 ppm</td>
<td>N/E</td>
<td>25 ppm</td>
<td>N/E</td>
</tr>
<tr>
<td>Acetone</td>
<td>500 ppm</td>
<td>750 ppm</td>
<td>1000 ppm</td>
<td>N/E</td>
<td>500 ppm</td>
<td>3000 ppm</td>
</tr>
</tbody>
</table>

**Engineering Controls:**
- Use local exhaust as needed.

**Monitoring:**
- Maintain breathing zone airborne concentrations below exposure limits.

**Personal Protective Equipment (PPE):**
- Eye Protection: Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.
- Skin Protection: Prevent contact with the skin as much as possible. Butyl rubber gloves should be used for frequent immersion.
- Respiratory Protection: Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above.

**With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.**

**GHS SAFETY DATA SHEET**

**NAME:** WELD-ON® P-70™ Low VOC Primer for PVC and CPVC Plastic Pipe

**MANUFACTURER:** IPS Corporation

17109 South Main Street, Gardena, CA 90248-3127

P.O. Box 379, Gardena, CA 90247-0379

Tel. 1-310-988-3300

**EMERGENCY:** Transportation: CHEMTEL Tel. 800.255-3924, +1 813-248-0585 (International)

Medical: CHEMTEL Tel. 800.255-3924, +1 813-248-0585 (International)

**Date Revised:** OCT 2013

**Supercedes:** DEC 2011
GHS SAFETY DATA SHEET
WELD-ON® P-70™ Low VOC Primer for PVC and CPVC Plastic Pipe

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Clear or purple, thin liquid
Odor: Ethereal
pH: Not Applicable
Melting/Freezing Point: -108.5°C (-163.3°F) Based on first melting component: THF
Boiling Point: 56°C (133°F) Based on first boiling component: Acetone
Flash Point: -20°C (-4°F) TCG based on Acetone
Specific Gravity: 0.858 @23°C (73°F)
Solubility: Solvent portion soluble in water. Resin portion separates out.
Partition Coefficient n-octanol/water: Not Available
Auto-ignition Temperature: 321°C (610°F) based on THF
Evaporation Rate: High
Vapor Pressure: 190 mm Hg @ 20°C (68°F) Acetone
Vapor Density: >2.0 (Air = 1)
Water-thin
Reissuance date / reason for reissue:

SECTION 10 - STABILITY AND REACTIVITY
Stability: Stable
Hazardous decomposition products: None in normal use. When forced to burn, this product gives off oxides of carbon and smoke.
Conditions to avoid: Keep away from heat, sparks, open flame and other ignition sources.
Incompatible Materials: Oxidizers, strong acids and bases, amines, ammonia

SECTION 11 - TOXICOLOGICAL INFORMATION
Likely Routes of Exposure: Inhalation, Eye and Skin Contact
Acute symptoms and effects:
Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.
Skin Contact: Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact.
Ingestion: May cause nausea, vomiting, diarrhea and mental sluggishness.
Chronic (long-term) effects: None known to humans
Toxicity:
Tetrahydrofuran (THF): Oral: 2842 mg/kg (rat) Inhalation 3 hrs. 21,000 mg/m³ (rat)
Methyl Ethyl Ketone (MEK): Oral: 2737 mg/kg (rat), Dermal: 6480 mg/kg (rabbit) Inhalation 8 hrs. 23,500 mg/m³ (rat)
Cyclohexanone: Oral: 1535 mg/kg (rat), Dermal: 948 mg/kg (rabbit) Inhalation 4 hrs. 8,000 PPM (rat)
Acetone: Oral: 5800 mg/kg (rat)

SECTION 12 - ECOLOGICAL INFORMATION
Ecotoxicity: None Known
Mobility: In normal use, emission of volatile organic compounds (VOC's) to the air takes place, typically at a rate of ≤ 550 g/l.
Degradability: Biodegradable
Bioaccumulation: Minimal to none.

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS
Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION
Proper Shipping Name: Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)
Hazard Class: 3
Secondary Risk: None
Identification Number: UN 1993
Packaging: PG II
Label Required: Class 3 Flammable Liquid
Marine Pollutant: NO

SECTION 15 - REGULATORY INFORMATION
Precautionary Label Information: Highly Flammable, Irritant
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S31: Take precautionary measures against static discharges.
S40: If swallowed, seek medical advice immediately and show this container or label.

SECTION 16 - OTHER INFORMATION
Specification Information:
Department issuing data sheet: IPS, Safety Health & Environmental Affairs
E-mail address: info@ipscorp.com
Training necessary: Yes, training in practices and procedures contained in product literature.

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.