## 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:** IPS Corporation  
**MANUFACTURER:**  
**EMERGENCY: Transportation:** CHEMTEL Tel. 800.252-3924, +1 813-248-0585 (International)  
**Medical:** CHEMTEL Tel. 800.252-3924, +1 813-248-0585 (International)

## SECTION 2 - HAZARDS IDENTIFICATION

### GHS CLASSIFICATION:

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>Category 4</td>
</tr>
<tr>
<td>Physical</td>
<td>Category 2</td>
</tr>
<tr>
<td>Acute Oral Toxicity</td>
<td>None Known</td>
</tr>
<tr>
<td>Acute Toxicity</td>
<td>None Known</td>
</tr>
<tr>
<td>Skin Sensitation</td>
<td>NO</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>Category 3</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 2</td>
</tr>
<tr>
<td>Eye</td>
<td>Category 2</td>
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### GHS LABEL:

<table>
<thead>
<tr>
<th>Signal Word</th>
<th>Precautionary Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danger</td>
<td>P201: Avoid breathing dust/fume/gas/mist/vapors/spray</td>
</tr>
<tr>
<td></td>
<td>P280: Wear protective gloves/protective clothing/eye protection/face protection</td>
</tr>
<tr>
<td></td>
<td>P301+P333: Store in a well ventilated place. Keep container tightly closed</td>
</tr>
</tbody>
</table>

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

### CAS Number

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrahydrofuran (THF)</td>
<td>109-99-9</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (MEK)</td>
<td>78-93-3</td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>108-94-1</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
</tr>
</tbody>
</table>

### Pre-registration Number

<table>
<thead>
<tr>
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<th>Pre-registration Number</th>
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</thead>
<tbody>
<tr>
<td>109-99-9</td>
<td>05-2116297729-22-0000</td>
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<tr>
<td>78-93-3</td>
<td>203-726-8</td>
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<td>108-94-1</td>
<td>05-2116297718-25-0000</td>
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<tr>
<td>67-64-1</td>
<td>203-662-2</td>
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### % by Weight

<table>
<thead>
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<th>% by Weight</th>
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</thead>
<tbody>
<tr>
<td>109-99-9</td>
<td>40 - 59</td>
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<tr>
<td>78-93-3</td>
<td>19 - 29</td>
</tr>
<tr>
<td>108-94-1</td>
<td>5 - 15</td>
</tr>
<tr>
<td>67-64-1</td>
<td>5 - 20</td>
</tr>
</tbody>
</table>

## SECTION 4 - FIRST AID MEASURES

### Inhalation

- **Symptoms:** Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.
- **Exposure:** In severe eye injury with corneal or conjunctival inflammation on contact with the liquid.
- **Treatment:** May cause nausea, vomiting, diarrhea and mental sluggishness.
- **Contact with eyes:** Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.

### Inhalation

- **Symptoms:** Flaps immediately with plenty of water for 15 minutes and seek medical attention immediately.
- **Treatment:** Do not induce vomiting. Seek medical attention immediately.

### Ingestion

- **Symptoms:** Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.
- **Treatment:** May cause nausea, vomiting, diarrhea and mental sluggishness.

### Chronic (long-term) effects:

- **Category:** Category 2 Carcinogen

## SECTION 5 - FIREFIGHTING MEASURES

### Suitable Extinguishing Media:

- **Water spray or stream.**
- **Dry chemical powder, carbon dioxide gas, foam, Halon, fire extinguisher.**

### Unsuitable Extinguishing Media:

- **Flammable liquid.**
- **Water spray.**
- **Dry chemical powder, carbon dioxide gas, foam.**

### Protection for Firefighters:

- **Self-contained breathing apparatus or full face positive pressure airline mask.**

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions:

- **Keep away from heat, sparks and open flame.**
- **Avoid contact with eyes, skin and clothing.**
- **Wear protective gloves, protective clothing, eye protection, face protection.**

### Environmental Precautions:

- **Prevent product or liquids contaminated with product from entering sewers, drains, soil, or open water course.**

### 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.**
- **Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods.**

### Storage:

- **Store in ventilated room or shed below 44°F (11°C) and away from direct sunlight.**
- **Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates.**

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

### Engineering Controls:

- **Use local exhaust as needed.**
- **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:** Provide respiratory protection suitable for 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.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- **Appearance:** Clear or purple, thin liquid
- **Odor:** Ethereal
- **pH:** Not Applicable
- **Melting/Freezing Point:** -108.5°C (-163°F) Based on first melting component: THF
- **Boiling Point:** 58°C (136°F) Based on first boiling component: Acetone
- **Flash Point:** -20°C (4°F) TCC based on Acetone
- **Specific Gravity:** 0.858 (023°C (73°F)
- **Solubility:** Solvent portion soluble in water.
- **Partition Coefficient n-octanol/water:** Not Available
- **Auto-ignition Temperature:** 321°C (610°F) based on THF
- **Decomposition Temperature:** Not Applicable
- **VOC Content:** When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is: ≤ 550 g/l

**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**

- **Toxicity:**
  - Tetrahydrofuran (THF)
    - Oral: 2842 mg/kg (rat)
    - Inhalation: 5 hrs, 21,000 mg/m³ (rat)
  - Methyl Ethyl Ketone (MEK)
    - Oral: 3772 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)
- **Reproductive Effects:**
  - Acetone
    - Oral: 5800 mg/kg (rat)
  - THF
    - Inhalation 8 hrs: 23,500 mg/m³ (rat)
  - THF
    - Inhalation 5 hrs: 21,000 mg/m³ (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:** Not Available
- **Bioaccumulation:** Minimal to none.

**SECTION 13 - WASTE DISPOSAL CONSIDERATIONS**

Follow local and national regulations. Consult disposal expert.

**SECTION 14 - TRANSPORT INFORMATION**

- **DOT Number:** UN 1993
- **Class:** Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)
- **Exception for Ground Shipping:** Consumer Commodity: Depending on packaging, these quantities may qualify under DOT as “ORM-D”.
- **TDG INFORMATION**
  - **TDG CLASS:** FLAMMABLE LIQUID 3
  - **SHIPPING NAME:** Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)
  - **UN NUMBER/PACKING GROUP:** UN 1993, PG II

**SECTION 15 - REGULATORY INFORMATION**

- **Precautionary Label Information:**
  - **Hazard Class:** 3
  - **Symbol:** F, Xi
  - **Risk Phrases:**
    - R11: Highly flammable.
    - R20: Harmful by inhalation.
    - R26: Repeated exposure may cause skin dryness or cracking
    - R36/37: Irritating to eyes and respiratory system.
    - R66: Vapors may cause drowsiness and dizziness
  - **Safety Phrases:**
    - S25: Avoid contact with eyes.
    - S36/37: Wear suitable protective clothing and gloves.
    - S45: Call a POISON CENTER for advice if you think you have been exposed to it.

This SDS was prepared in accordance with European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

**SECTION 16 - OTHER INFORMATION**

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.