### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WELD-ON® Plumbing Clear Low VOC Primer for PVC and CPVC Plastic Pipe  
**SUPPLIER:** IPS Corporation  
**MANUFACTURER:** IPS Corporation  
**Address:** 17109 South Main Street, Gardena, CA 90248-3127  
**P.O. Box 379, Garden, CA 90247-0379**  
**Tel.:** 1-310-898-3300  
**EMERGENCY:** CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International)  
**Medical:** CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International)  

### SECTION 2 - HAZARDS IDENTIFICATION

**GHS CLASSIFICATION:**  
- **Acute Toxicity:** Category 4  
- **Skin Sensitization:** NO  
- **Skin Contact:** Category 2  
- **Inhalation:** Category 2  
- **Eye Contact:** Category 2  
- **Physical:** Category 2  
- **Environmental:** Category 2  

**Signal Word:** Danger  
**WHMIS CLASSIFICATION:** CLASS B, DIVISION 2  
**P501:** Dispose of contents/container in accordance with local regulation  
**P280:** Wear protective gloves/protective clothing/eye protection/face protection  
**P233:** Store in a well ventilated place. Keep container tightly closed  
**P403+P233:** Store in a well ventilated place. Keep container tightly closed  
**P405:** Pungent, harmful. Avoid breathing of vapor, avoid contact with eyes, skin and clothing.  
**P101:** Keep away from heat, sparks, open flame and all other sources of ignition.  
**P401+P202:** Store in a well ventilated place. Keep container tightly closed  
**P601:** If exposed to skin, wash skin immediately with soap and water.  

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Component</th>
<th>Concentration % by Weight</th>
<th>Pre-registration Number</th>
<th>% by Weight</th>
<th>REACH Precautionary Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3</td>
<td>Methyl Ethyl Ketone (MEK)</td>
<td>15 - 25</td>
<td>05-211629728-24-0000</td>
<td>10 - 30</td>
<td>H336; May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>108-94-1</td>
<td>Cyclohexanone</td>
<td>30 - 50</td>
<td>05-2116297718-25-0000</td>
<td>70 - 90</td>
<td>H319; Causes serious eye irritation</td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>30 - 50</td>
<td>05-2116297713-35-0000</td>
<td>100 - 150</td>
<td>H307; Highly flammable liquid and vapor</td>
</tr>
</tbody>
</table>

### SECTION 4 - FIRST AID MEASURES

**Contact with eyes:** Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.  
**Inhalation:** Remove from exposure to fresh air. If breathing is difficult, give oxygen. Seek medical advice immediately.  
**Ingestion:** May cause nausea, vomiting, diarrhea and mental sluggishness.  
**Eye Contact:** Use many rinses with water to wash out the eyes.  

### SECTION 5 - FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** CO2, Dry chemical powder, carbon dioxide gas, fog.  
**Unsuitable Extinguishing Media:** Water spray, steam.  
**Exposure Hazards:** Inhalation and thermal contact.  
**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:** Wear Splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.  
**Environmental Precautions:** Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.  
**Methods for Cleaning:** Clean up with sand or other inert absorbent material. Transfer to a stainless steel vessel.  
**Materials not to be used for clean up:** Aluminum or plastic containers.  

### SECTION 7 - HANDLING AND STORAGE

**Handling:** Avoid breathing 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 shade below 44°C (110°F) 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

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>ACGIH STEL</th>
<th>OSHA PEL</th>
<th>OSHA STEL</th>
<th>CAL/OSHA PEL</th>
<th>CAL/OSHA CEILING</th>
<th>CAL/OSHA STEL</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>250 ppm</td>
<td>750 ppm</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>250 ppm</td>
<td>750 ppm</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>200 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>500 ppm</td>
<td>750 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.  
- **Skin Protection:** Use of solvent resistant gloves or solvent resistant barrier cream should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.  
- **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.  

* Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).  
** Indicates that this chemical is found on Proposition 65’s List of chemicals known to the State of California to cause cancer or reproductive toxicity.
SECTION 1 - IDENTIFICATION

Plumbing Clear Low VOC Primer for PVC and CPVC Plastic Pipe

SECTION 2 - COMPOSITION

Ingredient Listings:
- USA TSCA, Europe EINECS, Canada DSL, Australia AICS, Korea ECL/TCCL, Japan MITI (ENCS)

SECTION 3 - PHYSICAL PROPERTIES

- Appearance: Clear, thin liquid
- Odor: Ethereal
- Odor Threshold: 0.88 ppm (Cyclohexanone)
- pH: Not Established
- Specific Gravity: 0.846 (Acetone: 0.79)
- Boiling Point: 56°C (133°F) Based on first boiling component: Acetone
- Flammable Limits: LEL: 1.1% based on Cyclohexanone
- Solubility: Solvent portion soluble in water. Resin portion separates out.
- Partition Coefficient n-Octanol/Water: Not Available
- Auto-Ignition Temperature: > 201°C (610°F) based on THF
- Decomposition Temperature: Not Applicable

SECTION 4 - 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 5 - FIRE AND EXPLOSION HAZARDS

- Flash Point: -20°C (-4°F) TCC based on Acetone
- Flammability: Category 2
- Explosion Limits: R66: Repeated exposure may cause skin dryness or cracking

SECTION 6 - HEALTH HAZARDS

- Oral: 2842 mg/kg (rat)
- Inhalation: 50,100 mg/m³ (rat)
- Skin: 56°C (133°F) to 156°C (313°F)

SECTION 7 - ENVIRONMENTAL INFORMATION

- Boiling Range: 56°C (133°F) to 156°C (313°F)
- Air: 1.1% based on Cyclohexanone
- Water-thin

SECTION 8 - REACTIONS

- Stable
- When applied as directed, per SCAQMD Rule 1168, Test Method 316A VOC content is: ≤ 542 g/l.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Melting-Freezing Point: -106.5°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) TCC based on Acetone
- Specific Gravity: 0.846 (Acetone: 0.79)
- Flammability Limits: LEL: 1.1% based on Cyclohexanone
- Solubility: Solvent portion soluble in water. Resin portion separates out.
- Partition Coefficient n-Octanol/Water: Not Available
- Auto-Ignition Temperature: > 201°C (610°F) based on THF
- Decomposition Temperature: Not Applicable

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:
  - LDCo: Tetrahydrofuran (THF)
  - LC50: Methyl Ethenyl Ketone (MEK)
  - LC50: Cyclohexanone
  - LC50: Acetone

- Reproductive Effects: Not Established
- Teratogenicity: Not Established
- Mutagenicity: Not Established
- Embryotoxicity: Not Established
- Sensitization to Product: Not Established
- Synergistic Products: Not Established

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 ≤ 542 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

- Proper Shipping Name: Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)
- Hazard Class: 3
- Secondary Risk: None
- Identification Number: UN 1993
- DOT Limited Quantity: Up to 1L per inner packaging, 30 kg gross weight per package.
- Transportation Name: Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)
- UN Number/Packing Group: UN 1993, PG II

SECTION 15 - REGULATORY INFORMATION

- Precautionary Label Information:
  - High Visibility Flammable, Irritant, Carc. Cat. 2
  - F: XI
  - STOT SE3
  - R11: Highly flammable.
  - R20: Harmful by inhalation.
  - R36/37: Irritating to eyes and respiratory system.
  - R67: Vapors may cause drowsiness and dizziness
  - S33: Take precautionary measures against static discharges.
  - S25: Avoid contact with eyes.
  - S16: Keep away from sources of ignition - No smoking.
  - S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  - S31: Keep in a well-ventilated place.
  - S46: If swallowed, seek medical advice immediately and show this container or label.

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.