**GHS SAFETY DATA SHEET**

**PRODUCT NAME:** WELD-ON® P-68™ Low VOC Primer for PVC and CPVC Plastic Pipe  
**SUPPLIER:** 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. 1-310-898-3300

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

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WELD-ON® P-68™ Low VOC Primer for PVC and CPVC Plastic Pipe  
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Tel. 1-310-898-3300

### SECTION 2 - HAZARDS IDENTIFICATION

**GHS CLASSIFICATION:**

- Health: Category 4  
- Physical: Flammable Liquid  
- Environmental: Category 2

**GHS LABEL:**

- Signal Word: Danger
- WHMIS CLASSIFICATION: CLASS B, DIVISION 2
- WHA CLASSIFICATION: CLASS D, DIVISION 2B

**Hazard Statements:**

- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P204: P304+P305: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P301+P330+P331: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY. KEEP AWAY FROM OTHERS
- P335+P315: IF EXPOSED OR SUSPECTED OF EXPOSURE: Seek medical advice immediately and show label where available
- P361+P362: If spilled, clean up and do not leave contaminated service water drains, soil or open water courses

**Precautionary Statements:**

- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
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- P361+P362: If spilled, clean up and do not leave contaminated service water drains, soil or open water courses

### SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS#</th>
<th>EINECS #</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>20 - 35</td>
</tr>
<tr>
<td>78-93-3</td>
<td>201-159-0</td>
<td>05-2116297728-24-0000</td>
<td>15 - 25</td>
</tr>
<tr>
<td>108-94-1</td>
<td>203-631-1</td>
<td>05-2116297718-25-0000</td>
<td>10 - 30</td>
</tr>
<tr>
<td>67-64-1</td>
<td>200-662-2</td>
<td>05-2116297713-35-0000</td>
<td>25 - 40</td>
</tr>
</tbody>
</table>

### SECTION 4 - FIRST AID MEASURES

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

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

- **Personal precautions:** Keep away from heat, sparks and open flame.
- **Environmental Precautions:** Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment.
- **Methods for Cleaning up:** Clean up with sand or other inert absorbent material. Transfer to a closable steel vessel.
- **Materials not to be used for clean up:** Aluminum or plastic containers

### SECTION 7 - HANDLING AND STORAGE

- **Handling:** Avoid breathing of vapor, avoid contact with eyes, skin and clothing.
- **Storage:** Store in ventilated room or shade below 44°C (110°F) and away from direct sunlight.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>ACEN TLV</th>
<th>ACEN STEL</th>
<th>DSHA PEL</th>
<th>DSHA STEL</th>
<th>CAL/OSHA PEL</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>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (MEK)</td>
<td>200 ppm</td>
<td>300 ppm</td>
<td>500 ppm</td>
<td>N/E</td>
<td>N/E</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>N/E</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>N/E</td>
<td>N/E</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 solvent. 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.

**Signal Word:** Danger  
**WHMIS CLASSIFICATION:** CLASS B, DIVISION 2  
**WHA CLASSIFICATION:** CLASS D, DIVISION 2B

**Product Use:** Use for solvent cementing literature.

**Precautionary Statements:**

- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
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**Combustibility:**

- **Acute Toxicity:** May cause nausea, vomiting, diarrhea and mental sluggishness.
- **Chronic Toxicity:** Long-term effects:
  - Category 2 Carcinogen
  - Oxides of carbon and smoke
  - Acetone
  - Methyl Ethyl Ketone (MEK)
  - Gaseous products
  - Cyclohexanone
  - Tetrachloroethylene

**Exposure Limit Values:**

- **OSHA PEL:** 108-94-1
- **ACGIH TLV:** 108-94-1
- **OSHA STEL:** 108-94-1
- **OSHA EXIST:** 108-94-1
- **ACGIH STEL:** 108-94-1
- **N/E:**

**Reactivity:**

- **Acute Toxicity:** May cause nausea, vomiting, diarrhea and mental sluggishness.
- **Chronic Toxicity:** Long-term effects:
  - Category 2 Carcinogen
  - Oxides of carbon and smoke
  - Acetone
  - Methyl Ethyl Ketone (MEK)
  - Gaseous products
  - Cyclohexanone
  - Tetrachloroethylene

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- **ACGIH TLV:** 108-94-1
- **OSHA STEL:** 108-94-1
- **OSHA EXIST:** 108-94-1
- **ACGIH STEL:** 108-94-1
- **N/E:**
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear or purple, thin liquid
Odor: Ethereal
Odor Threshold: 0.88 ppm (Cyclohexanone)
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) TCC based on Acetone
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
Decomposition Temperature: Not Available
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: 
- Inhalation: 0.6 mg/m³ (rat)
- Oral: 1535 mg/kg (rat), Dermal: 948 mg/kg (rabbit)
- Skin: Not Available
- Other Data: Viscosity: >5.5 mPa·s at 20°C

Reproductive Effects: Not Established
Teratogenicity: Not Established
Mutagenicity: Not Established
Embryotoxicity: Not Established
Sensitization to Product: Not Established
Synergistic Products: None

SECTION 12 - ECOLOGICAL INFORMATION

Ecoxicity: 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

Proper Shipping Name: Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)
Secondary Risk: None
Identification Number: UN 1993
Packaging Group: PG II
Marine Pollutant: NO

TDG INFORMATION
- UN NUMBER/PACKING GROUP: UN 1993, PG II
- TDG CLASS: Flammable Liquid 3
- SHIPPING NAME: Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)
- EXCEPTION for Ground Shipping: D.O.T Limited Quantity: Up to 1L per inner packaging, 40 kg gross weight per package.
- Consumer Commodity: Depending on packaging, these quantities may qualify under DOT as "ORM-D".

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information: Highly Flammable, Irritant, Carc. Cat. 2
Risk Phrases: R11: Highly flammable.
- R20: Harmful by inhalation.
- R36/37: Irritating to eyes and respiratory system.
- S6: Keep container in a well-ventilated place.
- S26: If swallowed, seek medical advice immediately and show this container or label.
- S27: Avoid contact with eyes.
- S28: Keep out of reach of children.
- S33: Take precautionary measures against static discharges.
- S34: Wear protective gloves and eyewear.
- S36: Wear suitable protective clothing.
- S37: Use protective gloves/ eye protection/ face protection.
- S46: If swallowed, seek medical advice immediately and show this container or label.

SECTION 16 - OTHER INFORMATION

Specification Information:
- Department issuing data sheet: WELD-ON® P-68™ Low VOC Primer for PVC and CPVC Plastic Pipe
- All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).
- Intended Use of Product: Primer for PVC and CPVC Plastic Pipe

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.