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

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

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

**SUPPLIER:** IPS Corporation

17199 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 2 - HAZARDS IDENTIFICATION**

**GHS CLASSIFICATION:**
- Health: Category 4
- Physical: Category 2
- Environmental: N/E

**CAL/OSHA STEL:** N/E

**Acute Toxicity:**
- Category 4
- None Known

**Chronic Toxicity:**
- Category 2
- None Known

**Reactivity:**
- None Known

**Flammable Liquid:** Category 2

**Traceable Code:** 0-Minimal

**Signal Word:** 200-662-2

**WHMIS CLASSIFICATION:**
- CLASS B, DIVISION 2
- CLASS D, DIVISION 2B

**Hazard Statements:**
- H225: Highly flammable liquid and vapor
- H315: Causes serious eye irritation
- H319: Causes skin irritation
- H330: May cause respiratory irritation
- H331: May cause drowsiness or dizziness
- H335: May cause respiratory irritation
- H341: Suspected of causing cancer
- H351: Suspected of causing cancer
- EUH019: May form explosive peroxides

**Precautionary Statements:**
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P201: Avoid breathing dust/fume/gas/mist/vapors/spray
- P204: Wear protective gloves/protective clothing/eye protection/face protection
- P234+P280: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305+P351+P338: If in eyes: Rinse off
- P370: In case of fire: Use water spray to cool undamaged containers
- P403+P233: Store in a well-ventilated place. Keep container tightly closed
- P411: Keep out of reach of children
- P415: Avoid release to the environment. Refer to special instructions/safety data sheets.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>ERICS #</th>
<th>Pre-registration Number</th>
<th>Concentration</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrahydrofuran (THF)</td>
<td>109-99-9</td>
<td>37-267-8</td>
<td>05-2116297729-22-0000</td>
<td>45 - 59</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (MEK)</td>
<td>78-93-3</td>
<td>201-159-0</td>
<td>05-2116297728-24-0000</td>
<td>19 - 29</td>
<td></td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>108-94-1</td>
<td>203-631-1</td>
<td>05-2116297728-25-0000</td>
<td>5 - 15</td>
<td></td>
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<tr>
<td>Acetone</td>
<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>

**Hazardous Constituents:**
- Acetone
- MEK
- THF
- Cyclohexanone
- MEK
- THF

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

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

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

**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.

**Respiratory Protection:** Respiratory Protection: Prevent inhalation of the solvents. Use 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.

**Supersedes:**

**Date Revised:**

**FILENAME:** W-OP70LoVoc 4-15.xls
### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear or purple, thin liquid

**Odor:** Ethereal

**pH:** Not Applicable

**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) Based on Acetone

**Specific Gravity:** 0.858 @20°C (70°F)

**Solubility:** Solvent portion soluble in water. Resin portion separates out.

**Partition Coefficient n-octanol/water:** Not Available

**Auto-Ignition Temperature:** 301°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:**
- LD50: Inhalation 8 hrs. 23,500 mg/m³
- LC50: Oral: 2842 mg/kg (rat), Dermal: 6480 mg/kg (rabbit)
- Vapor Pressure:
  - Oral: 5800 mg/kg (rat)
  - Dermal: 948 mg/kg (rabbit)

**Reproductive Effects:**
- STOT SE3 (rat)
- Toxicity data not available

**Teratogenicity:**
- Category 2
- Mutagenicity:
  - Toxicity data not available
- Embryotoxicity:
  - Toxicity data not available
- Sensitization to Product:
  - Toxicity data not available

### 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:** Minimal to none.

**Bioaccumulation:** Minimal to none.

### SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

### SECTION 14 - TRANSPORT INFORMATION

**Product Shipping Name:** Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)

**Hazard Class:** 3

**Secondary Risk:** None

**Identification Number:** UN 1993

**Label Required:** Class 3 Flammable Liquid

**Marine Pollutant:** No

**UN NUMBER/PACKING GROUP:** Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)

**TDG CLASS:** Flammable Liquid 3

**SHIPPING NAME:** Flammable Liquid, n.o.s. (Acetone, Tetrahydrofuran)

**TDG INFORMATION:**
- UN 1993, PG II

### SECTION 15 - REGULATORY INFORMATION

**Precautionary Label Information:**
- Highly Flammable, Irritant, Carc. Cat. 2
- AICS, Korea ECLI, TCCL, Japan MITI (ENCS)
- USA TSCA, Europe EINECS, Canada DSL, Australia

**Symbols:**
- F, Xi

**Risk Phrases:**
- R11: Highly flammable.
- R20: Harmful by inhalation.
- R36/37: Irritating to eyes and respiratory system.
- R66: Repeated exposure may cause skin dryness or cracking
- R67: Vapors may cause drowsiness and dizziness

**Safety Phrases:**
- S9: Keep container in a well-ventilated place.
- S16: Keep away from sources of ignition - No smoking.
- S25: Avoid contact with eyes.
- S26: Avoid contact with eyes.
- S46: If swallowed, seek medical advice immediately and show this container or label.

### SECTION 16 - OTHER INFORMATION

**Specification Information:**
- IPS, Safety Health & Environmental Affairs
- All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).

**Department issuing data sheet:**
- E-mail address: <EHSInfo@ipscorp.com>
- Yes, training in practices and procedures contained in product literature.

**Training necessary:**
- 4/17/2015 / Updated GHS Standard Format

**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.