SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WELD-ON® P-68™ Low VOC Primer for PVC and CPVC Plastic Pipe

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

SUPPLIER: MANUFACTURER: IPS Corporation

17109 South Main Street, Carson, CA 90248-3127
P.O. Box 379, Gardena, CA 90247-0379
Tel. 1-310-889-3300


SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health: Category 4
Acute Toxicity: None Known
Skin Irritation: None Known
Skin Sensitization: No
Eye: Category 2B

GHS LABEL: Signal Word: Danger

Exposure Limits:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>OSWA Pel</th>
<th>ACGIH TLV</th>
<th>ACGIH STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrahydrofuran</td>
<td>109-99-9</td>
<td></td>
<td>20-35</td>
<td></td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (MEK)</td>
<td>78-93-3</td>
<td></td>
<td>15-25</td>
<td></td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>108-94-1</td>
<td></td>
<td>10-30</td>
<td></td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td></td>
<td>25-40</td>
<td></td>
</tr>
</tbody>
</table>

Supersedes: OCT 2010

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Inhalation: If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice immediately.

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

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

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Flush 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 immediately.

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

Self-contained breathing apparatus or full-face positive pressure breathing apparatuses must be used for structural firefighting.

Protection for Firefighters:

Self-contained breathing apparatus or full-face positive pressure breathing apparatuses must be used for structural firefighting.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Keep away from heat, sparks, and open flames.

Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or use suitable respiratory protective equipment.

Prevent contact with skin or eyes (see section 8).

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.

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. 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.

Follow all precautionary information on container label, product bulletins and solvent cementing literature.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

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 broad 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.

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:

Provide 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

WELD-ON® P-68™ Low VOC Primer for PVC and CPVC Plastic Pipe

Date Revised: DEC 2011
Supersedes: OCT 2010

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: -35°C (-4°F) TCC based on Acetone
Specific Gravity: 0.842 [25°C (77°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
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

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.
Eye Contact: Vapors slightly uncomfortable. Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid.
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: LD50
Tetrahydrofuran (THF) Oral: 2842 mg/kg (rat) Inhalation 3 hrs. 21,000 mg/m³
Methyl Ethyl Ketone (MEK) Oral: 2737 mg/kg (rat), Dermal: 6480 mg/kg (rabbit) Inhalation 8 hrs. 23,500 mg/m³
Cyclohexanone Oral: 1585 mg/kg (rat), Dermal: 948 mg/kg (rabbit) Inhalation 4 hrs. 8,000 PPM (rat)
Acetone Oral: 5800 mg/kg (rat) Inhalation 50,100 mg/m³

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.
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
 Packing Group: PG II
 Label Required: Class 3 Flammable Liquid
 Marine Pollutant: NO

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 Statement: Highly Flammable, Irritant
Ingredients/Use: USA TSCA, Europe EINECS, Canada DSL, Australia
Chemical Abstracts Service: AICS, Korea ECL/TCC, Japan MII (ENCs)
Risk Phrases: R11: Highly flammable.
R20: Harmful by inhalation.
R36/37: Irritating to eyes and respiratory system.
Safety Phrases: S9: Keep container in a well-ventilated place.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S25: Avoid contact with eyes.
S46: If swallowed, seek medical advise 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: EHSInfo@ipscorp.com
Training necessary: Yes, training in practices and procedures contained in product literature.
Reissue date / reason for reissue: 12/14/2011 / 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.