SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WELD-ON® 714™ Low VOC Cement for CPVC Plastic Pipe
PRODUCT USE: Low VOC Solvent Cement for CPVC Plastic Pipe
SUPPLIER: IPS Corporation
MANUFACTURER: IPS Corporation
17109 South Main Street, Gardena, CA 90248-3127
P.O. Box 379, Gardena, CA 90247-0379
Tel: 1-310-899-3300

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:

<table>
<thead>
<tr>
<th>Health</th>
<th>Category 4</th>
<th>Category 3</th>
<th>Category 2B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin Irritation</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Skin Sensitization</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Eye</td>
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</tr>
</tbody>
</table>

Acute Toxicity: None Known
Chronic Toxicity: None Known
Stability: None Known
PH: 4-7
Flash Point: 20°C
Boiling Point: 170°C
Molecular Formual: C6H12

Signal Word: Danger
WHMIS CLASSIFICATION: CLASS B, DIVISION 2

Precautionary Statements:

Signal word: Danger
Preparation: Category 3
Taken in small quantities. Ingested or absorbed through the skin, it can cause minor irritation. Inhaled or swallowed, it can cause irritation to the respiratory tract and respiratory tract damage.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS#</th>
<th>EINECS #</th>
<th>REACH Pre-registration Number</th>
<th>CONCENTRATION % by Weight</th>
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<td>109-99-9</td>
<td>203-726-8</td>
<td>05-2116297729-22-0000</td>
<td>30 - 60</td>
</tr>
<tr>
<td>78-93-3</td>
<td>201-159-0</td>
<td>05-2116297729-24-0000</td>
<td>5 - 25</td>
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<tr>
<td>108-94-1</td>
<td>203-631-1</td>
<td>05-2116297718-25-0000</td>
<td>5 - 20</td>
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</tbody>
</table>

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.

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.
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.
- Water spray or stream.
- Extinguish fire from distance. Do not get too close to the fire.

Unsuitable Extinguishing Media:
- Do not use water, foam, or any other substance that might make the fire worse.

Exposure Hazards:
- Inhalation of the solvents and their vapors can cause respiratory irritation and breathing difficulties.
- Ingestion can cause abdominal pain, nausea, and vomiting.
- Skin contact can cause irritation and redness.
- Eye contact can cause irritation and redness.

Combustion Products:
- Oxides of carbon, hydrogen chloride, and smoke.
- May form explosive peroxides.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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.
- Do not eat, drink or smoke while handling.
- Store in ventilated room or shade below 33°C (90°F) and away from direct sunlight.

Eyes: Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates.

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

SECTION 7 - HANDLING AND STORAGE

Storage: Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates.
- Follow all precautionary information on container label, product bulletins and solvent cementing literature.

ENGINEERING CONTROLS:
- Use local exhaust as needed.
- Maintain breathing zone airborne concentrations below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:
- Eye Protection: Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields.
- Skin Protection: Use solvent-resistant gloves or solvent-resistant barrier cream to prevent penetration.
- Respiratory Protection: Use a suitable respiratory protection device.
- 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.
- With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.

INHALATION:
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Keep away from heat, sparks, open flames/hot surfaces – No smoking.

INGESTION:
- Get medical advice/attention.

SKIN:
- Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.

EYE CONTACT:
- Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Orange or gray, heavy syrupy liquid
Odor: Ketone
pH: Not Applicable
Melting/Freezing Point: -108.5°C (-163.3°F) Based on first melting component: THF
Boiling Point: 66°C (151°F) Based on first boiling component: THF
Flash Point: -20°C (-4°F) TCC based on THF
Specific Gravity: 0.995 @23°C (73°F)
Solubility: Solvent portion soluble in water. Resin portion separates out.
Partition Coefficient n-octanol/water: Not Available
Auto-ignition Temperature: 321°C (601°F) based on THF
Decomposition Temperature: Not Applicable
VOC Content: When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is: ≤ 490 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, hydrogen chloride 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: LC50:
Tetrahydrofuran (THF) Oral: 2842 mg/kg (rat) Inhalation 3 hrs. 21,000 mg/m3 (rat)
Methyl Ethyl Ketone (MEK) Oral: 2737 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)

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 ≤ 490 g/l.
Degradability: Biodegradable
Bioaccumulation: Minimal to none.

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name: Adhesives
Hazard Class: 3
Secondary Risk: None
Identification Number: UN 1133
Packaging Group: PG II
Label Required: Class 3 Flammable Liquid
Marine Pollutant: NO

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information: Highly Flammable, Irritant
Risk Phrases: R11: Highly flammable.
R36/37: Irritating to eyes and respiratory system.
R67: Vapors may cause drowsiness and dizziness
Safety Phrases: S2: Keep out of the reach of children
S9: Keep container in a well-ventilated place.
S16: Keep away from sources of ignition - No smoking.

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.