SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WELD-ON® 795™ Low VOC PVC Plastic Pipe Cement

PRODUCT USE: Low VOC Solvent Cement for PVC 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. 1-310-898-3300

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
- Ingestion Category 2
- Inhalation and dermal contact Category 2
- Skin irritation Category 2
- Eye Category 2
- Physical Flammable Liquid Category 2

Signal Word: Danger

WHMIS CLASSIFICATION: CLASS B, DIVISION 2

Category 2 Carcinogen

EINECS #: 203-631-1

EU Reference: EUH019: May form explosive peroxides

Hazard Statements:

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

Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray

P270: Wear protective gloves/protective clothing/eye protection/face protection

P271: Use safety glasses/face shield.

P280: Wear protective gloves/protective clothing/eye protection/face protection

P301+P337: Get medical advice/attention

P405+P233: Store in a well ventilated place. Keep container tightly closed

Acute Toxicity:

NFPA 3

OSHA PEL

PRE-REGISTRATION NUMBER:

Tetrahydrofuran (THF)

CAS: 109-99-9

REACH Pre-registration Number: 05-2116297729-22-0000

CONCENTRATION % by Weight

35 - 45

Methyl Ethyl Ketone (MEK)

CAS: 78-93-3

REACH Pre-registration Number: 05-2116297728-24-0000

CONCENTRATION % by Weight

5 - 15

Cyclohexanone

CAS: 108-94-1

REACH Pre-registration Number: 05-2116297718-25-0000

CONCENTRATION % by Weight

5 - 15

Acetone

CAS: 67-64-1

REACH Pre-registration Number: 05-2116297713-35-0000

CONCENTRATION % by Weight

5 - 15

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

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.

* 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).

It 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 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.

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.

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, hydrogen chloride and smoke

Protection for Firefighters: Self-contained breathing apparatus or full-face positive pressure airline masks.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep away from heat, sparks and open flame.

Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear 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.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact of 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.

Storage: Store in ventilated room or shade below 44°C (110°F) and away from direct sunlight.

Keep away from 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 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

- Tetrachloroethylene
- Methyl Ethyl Ketone (MEK)
- Cyclohexanone
- Acetone

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. 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 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.
**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- **Appearance:** Blue or clear, medium syrupy liquid
- **Odor:** Ketone
- **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:** -20°C (-4°F) TCC based on Acetone
- **Specific Gravity:** 0.94 @23°C (73°F)
- **Evaporation Rate:** > 1.0 (BUAC = 1)
- **Density:** Not Applicable
- **Decomposition Temperature:** Not Established
- **VOC Content:** When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is ≤ 50 g/l.

**PROPERTIES**

- **Odor Threshold:** 0.88 ppm (Cyclohexanone)
- **Vapor Pressure:** 190 mm Hg @ 20°C (68°F) Acetone
- **Vapor Density:** >2.0 (Air = 1)
- **Flammability Limits:** LEL: 1.1% based on Cyclohexanone
- **Partition Coefficient n-octanol/water:** Not Available
- **Auto-Ignition Temperature:** 321°C (610°F) based on THF
- **Inhalation 4 hrs.:** 8,000 PPM (rat)
- **Inhalation 50,100 mg/m:** 3 hrs.
- **Inhalation 3 hrs.:** 21,000 mg/m³ (rat)
- **Inhalation 8 hrs.:** 2,350 mg/m³ (rat)
- **Inhalation 4 hrs.:** 8,000 PPM (rat)
- **Inhalation:** 50,100 mg/m³ (rat)
- **STOT SE3:** Not Established
- **LD50:** Oral: 2842 mg/kg (rat)
- **LD50:** Dermal: 6480 mg/kg (rabbit)
- **LD50:** Oral: 3273 mg/kg (rat)
- **LD50:** Dermal: 948 mg/kg (rabbit)
- **LD50:** Oral: 3153 mg/kg (rat)
- **LD50:** Dermal: 980 mg/kg (rat)
- **Vapor Pressure:** 0.94 @23°C (73°F)
- **Vapor Density:** 321°C (610°F) Based on first boiling component: Acetone
- **Boiling Range:** 56°C (133°F) to 156°C (313°F)
- **Melting/Freezing Point:** -108.5°C (-163.3°F) Based on first melting component: Acetone
- **Evaporation Rate:** > 1.0 (BUAC = 1)
- **Density:** Not Applicable
- **Decomposition Temperature:** Not Established
- **VOC Content:** When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is ≤ 50 g/l.

**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

**TOXICOLOGICAL INFORMATION**

- **Toxicity:** Not Established
- **Target Organ:** Not Established
- **LD50:** Oral: 2842 mg/kg (rat)
- **LD50:** Dermal: 6480 mg/kg (rabbit)
- **LD50:** Oral: 3273 mg/kg (rat)
- **LD50:** Dermal: 948 mg/kg (rabbit)
- **LD50:** Oral: 3153 mg/kg (rat)
- **LD50:** Dermal: 980 mg/kg (rat)
- **LD50:** Oral: 5800 mg/kg (rat)
- **LD50:** Oral: 3273 mg/kg (rat)
- **LD50:** Dermal: 948 mg/kg (rabbit)
- **LD50:** Oral: 3153 mg/kg (rat)
- **LD50:** Dermal: 980 mg/kg (rat)
- **STOT SE3:** Not Established
- **LD50:** Oral: 2842 mg/kg (rat)
- **LD50:** Dermal: 6480 mg/kg (rabbit)
- **LD50:** Oral: 3273 mg/kg (rat)
- **LD50:** Dermal: 948 mg/kg (rabbit)
- **LD50:** Oral: 3153 mg/kg (rat)
- **LD50:** Dermal: 980 mg/kg (rat)
- **STOT SE3:** Not Established

**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 ≤ 510 g/l.
- **Degradability:** Not readily biodegradable
- **Bioaccumulation:** Minimal to none.

**WASTE DISPOSAL CONSIDERATIONS**

- **Follow local and national regulations. Consult disposal expert.**

**TRANSPORT INFORMATION**

- **Proper Shipping Name:** Adhesives
- **Hazard Class:** 3
- **Secondary Risk:** None
- **Identification Number:** UN 1133
- **Packing Group:** PG II
- **Marine Pollutant:** NO

**REGULATORY INFORMATION**

- **Precautionary Label Information:** Highly Flammable, Irritant, Carc. Cat. 2
- **Symbols:** F, Xi
- **Risk Phrases:** R11: Highly flammable.
- **R26: Repeated exposure may cause skin dryness or cracking.
- **R36/37: Irritating to eyes and respiratory system.
- **R67: Vapors may cause drowsiness and dizziness.
- **S2: Keep out of the reach of children.
- **S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **S28: Keep away from heat, sparks, open flame and other ignition sources.
- **S29: Keep container in a well-ventilated place.
- **S8: Ventilate area if allowed to accumulate.
- **S45: Consult first-aid instructions.
- **S53: Take precautionary measures against static discharges.
- **S54: Wear suitable protective clothing.
- **S60: Avoid release to the environment.
- **S61: Keep away from sources of ignition - No smoking.
- **S31:** 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.