

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WELD-ONE T50ECO™ HOTWELD Ultra Low VOC PVC Plastic Pipe Cement
PRODUCT USE: Ultra Low VOC Solvent Cement for PVC Plastic Pipe
DISTRIBUTOR:

MANUFACTURER: IPS Corporation
 17109 South Main Street, Gardena, CA 90248-3127
 P.O. Box 379, Gardena, CA 90247-0379
 Tel. 1-310-888-3300

EMERGENCY: Transportation: CHEMTEL, Tel. 800-255-3924, +1 813-248-0505 (International) **Medical:** CHEMTEL, Tel. 800-255-3924, +1 813-248-0505 (International)

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health		Environmental	Physical	
Acute Toxicity:	Category 4	Acute Toxicity:	None Known	Flammable Liquid
Skin Irritation:	Category 3	Chronic Toxicity:	None Known	
Skin Sensitization:	NO			
Eye:	Category 2A			Category 2

GHS LABEL:



Signal Word:
Danger

WHMIS CLASSIFICATION: CLASS B, DIVISION 2
CLASS D, DIVISION 1B

Hazard Statements

H226: Highly flammable liquid and vapor
 H336: Causes serious eye irritation
 H337: Harmful if inhaled
 H338: May cause respiratory irritation
 H339: May cause drowsiness or dizziness
 H410: May harm aquatic life

Precautionary Statements

P201: Keep away from heat/sparks/open flames/hot surfaces - No smoking
 P201+P240: Avoid heat/ingest/flammable vapors
 P280: Wear protective gloves/protective clothing/eye protection/face protection
 P501+P540: If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P403+P233: Store in a well-ventilated place. Keep container tightly closed
 P601: Dispose of contents/container in accordance with local regulation

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

	CAS	EINECS	REACH	CONCENTRATION
			Registration Number	% by Weight
Methyl Ethyl Ketone (MEK)	78-93-3	201-159-0	01-21 19457290-49-0 000	25 - 45
Cyclohexanone	108-94-1	203-631-1	01-21 19453616-35-0 000	20 - 40
Acetone	67-64-1	200-662-2	01-21 19471300-49-0 000	10 - 20

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 1996 (40 CFR 372). #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 throat redness, 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 (MEK): Low level chronic exposure has been shown to cause decreased memory and impairment of the central nervous system.

SECTION 5 - FIREFIGHTING MEASURES

Substance	Extinguishing Media	Hazard	HMIS	NFPA	0-Minimal
Substance	Dry chemical powder; carbon dioxide gas, foam, Halon, water fog	Health	2	2	1-Slight
Unsuitable Extinguishing Media:	Water spray or stream.	Flammability	3	3	2-Moderate
Exposure Hazards:	Inhalation and dermal contact	Reactivity	0	0	3-Serious
Combustion Products:	Oxides of carbon, hydrogen chloride and smoke	PPE	5		4-Severe

Protection for firefighters: Self-contained breathing apparatus or full-face positive pressure air line masks.

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 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 courses.
Methods for Cleaning up: Clean up with sand or other inert absorbent material. Transfer to a closed labeled 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/ume 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 ignition sources and incompatible materials: oxidants, 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:	Component							
	ACGIH 8-hr TLV	ACGIH 15-min STEL	OSHA 8-hr PEL	OSHA 15-min STEL	OSHA PEL Ceiling	CAL OSHA 8-hr PEL	CAL OSHA Ceiling	CAL OSHA 15-min STEL
Methyl Ethyl Ketone (MEK)	200 ppm	300 ppm	200 ppm	N/E	N/E	200 ppm	NE	300 ppm
Cyclohexanone	20 ppm	50 ppm	50 ppm	N/E	N/E	25 ppm	NE	N/E
Acetone	250 ppm	500 ppm	1000 ppm	N/E	N/E	500 ppm	3000 ppm	750 ppm

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. Duty rubber gloves should be used for frequent immersion. Use of solvent-resistant gloves or solvent-resistant barrier cream should provide adequate protection when no real 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 respiratory breathing zone and to keep concentrations below levels table above. With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.