

This MSDS complies with OSHA 29 CFR 1910.1200 (The Hazard Communication Standard)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT IDENTITY (TRADE NAME) : EZ WELD CLEAR PVC SOLVENT CEMENT
ACE

DOT HAZARD CLASSIFICATION : FLAMMABLE LIQUID; 3.1

SECTION II - HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL NAME	CAS#	OSHA PEL	ACGIH TLV	% WT
Tetrahydrofuran (THF)	109-99-9	200 ppm	200 ppm	28
2-Butanone (MEK)	78-93-3	200 ppm	200 ppm	55
Cyclohexanone	108-94-1	50 ppm	25 ppm	7
HMS Hazard Code	Health-1	Flammability-3	Reactivity-0	(Also NFPA Hazard Code)
Carcinogenicity				

None of the above hazardous ingredients are considered to be carcinogenic by NTP, IARC, or OSHA, thus there is no reason to assume the mixture would be carcinogenic, as no new compounds are being formed thru chemical reaction.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point - 150°F
Auto Ignition - 610°F
Percent Volatiles - 90%
Solubility in Water - 40%
Appearance and odor - Light yellow colored liquid with strong solvent odor.

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point (TCC) - 6°F
Flammable Limits in Air - Lower 2% Upper 12%
Extinguishing Media - Alcohol resistant foam, carbon dioxide or dry chemical.
Firefighting Procedures : Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires.
Special Fire & Explosion Hazards: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

Hazardous Decomposition Products : May form toxic materials : carbon dioxide, carbon monoxide

SECTION V - REACTIVITY DATA

Stability : Stable Hazardous Decomposition : None

Hazardous Polymerization : Cannot Occur Incompatibility : Avoid contact with strong oxidizing agents

SECTION VI - HEALTH HAZARD DATA

Primary routes of Entry: Inhalation and skin contact.

Effects of Acute Overexposure: Potential local and systemic effects due to single or short term overexposure to the eyes and skin or through inhalation or ingestion.

Eye Contact: Causes irritation, redness, tearing, blurred vision.

Skin Contact: Can cause slight to moderate irritation and defatting (dryness).

Inhalation: Can cause nasal and respiratory irritation and headache.

Swallowing: Can cause gastrointestinal irritation, nausea, dizziness, vomiting and diarrhea.

Effects of chronic overexposure:

Potential local and systemic effects due to repeated or long term overexposure to the eyes and skin or through inhalation or ingestion.

Eye Contact: Marked irritation (burn), possible transient corneal or conjunctival injury.

Skin Contact: Severe irritation and defatting. Can cause a rash. LD50 (Rabbit): 1000 mg/kg

Inhalation: Can cause respiratory irritation, vomiting and incoordination. TLD₀ (Human): 75 pp

Swallowing: Causes nausea, vomiting, headache, dizziness, stupor, diarrhea. LD50 (Rat): 1620mg/kg

Emergency First Aid Procedures:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Skin Contact: Remove contaminated clothing prior to flushing with water. Launder contaminated clothing before re-use. Wash skin thoroughly with mild soap and water.

Inhalation: Seek Fresh air. If person is affected, remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.

Swallowing: Do not induce vomiting. If person is conscious, dilute by giving two glasses of water. Call a physician. Keep person warm and quiet.

Ace Pipe
Cement
#43507