

MATERIAL SAFETY DATA SHEET

APR 28 1994

Issue Date: 1-1-93
 Supersedes: 3-1-92
 Prepared by Harry Austin

P.C.I. INDUSTRIES, INC.
 P.O. BOX 9845
 1661 OLD DIXIE HIGHWAY
 RIVIERA BEACH, FL 33419
 407-844-0241 EMERGENCY & Info.
 (Business Hours)

*24-HOUR CONTACT
 1-800-424-9300
 [ONLY for EMERGENCIES
 involving a spill, leak,
 fire, explosion or
 accident involving this
 product.]

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

SECTION I - PRODUCT IDENTIFICATION

PRODUCT IDENTITY (Trade Name) : EZ WELD PRIMER (PURPLE OR CLEAR)
 DOT HAZARD CLASSIFICATION : Flammable liquid, 3.1

SECTION II - HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL NAME	CAS#	OSHA PEL	ACGIH TLV	STEL	%WT
Tetrahydrofuran (THF)	109-99-9	200ppm	200ppm	250ppm	25
*Methyl Ethyl Ketone (MEK)	78-93-3	200ppm	200ppm	300ppm	60
Cyclohexanone	108-94-1	25ppm	25ppm	100ppm	15

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.

HMS / NFPA HAZARD CODE Health -1 Flammability - 3 Reactivity - 0

SECTION IIA- NON-HAZARDOUS INGREDIENTS

NONE

SECTION 313 - SUPPLIER NOTIFICATION

This product contains toxic chemicals (* See Above) subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-to-Know Act of 1986 and of 40CFR3

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point - 180°F Specific Gravity (H₂O=1) - 0.85
 Auto Ignition - 620°F Vapor Pressure - 143mm HG @ 63°F
 Percent Volatiles - 100% Vapor Density (Air=1) - 2.5
 Solubility in Water - 65% Evaporation Rate (N-Butyl Acetate=1) - 3.5
 Appearance and Odor - Colorless/purple 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 chemicals.
 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, heater, 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 and various hydrocarbons.

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----- 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. TCL₀ (Human): 75 ppm

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: If person is conscious, dilute by giving two glasses of water. Call a physician, poison control center, or hospital emergency room immediately. Keep person warm and quiet.

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-----SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE-----

Accidental Release or Spill : Extinguish and do not turn on any ignition source until area is determined to be free from explosion or fire hazards.

Small Spill: Absorb with earth, sand or similar inert material and dispose of with solid waste according to federal, state and local regulations. Flush spill area with water.

Large Spill: Erect temporary (or permanent) dike to contain spill. Collect and destroy by liquid incineration. Otherwise, dilute with water and using inert absorbent material shovel into containers to be disposed of as solid waste according to federal, state and local regulations.

Waste Disposal: Comply with federal, state and local regulations. If permits and regulations allow, may be incinerated, allowed to evaporate or solidified with inert material and disposed of.

Precautions to be taken in Handling and Storage:

Keep away from heat, sparks, and flame. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Keep container closed. Use with adequate ventilation. Wash thoroughly after using.

Other Precautions: Containers of this material may be hazardous when emptied since emptied containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given in data sheet above must be observed.

-----SECTION VIII - CONTROL MEASURES-----

Respiratory Protection: If the TLV of the product or any component of it is exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSA/MSHA respirators under specified conditions.

Ventilation: If the product is used in a confined area, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV (s). Explosion proof equipment is advised.

Protective Gloves: Rubber, butyl or other impervious gloves.

Eye Protection: Chemical safety splash glasses.

Other Protective Clothing or Equipment: Eye bath, safety shower, face shield, rubber safety boots.

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.
