



SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: PRO-WELD C-570 Low VOC Cleaner for Plastic Pipe
SUPPLIER: Mighty Plumbing Solutions Adhesive LLC.
EMERGENCY: Transportation: CHEMTEL Tel. 800.255-3924, 813-248-0585 (International)

PRODUCT USE: Cleaner for PVC, CPVC, ABS and Styrene Plastic Pipe
ADDRESS: 227 Pine Meadow Court, North Brunswick, NJ 08902, U.S.A.
MEDICAL: Tel. 800.451.8346, 760.602.8703 3E Company (International)

SECTION 2 – HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

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

GHS LABEL:



Single Word: Danger

WHMIS CLASSIFICATION: CLASS B, DIVISION 2

Hazard Statements

H225: Highly flammable liquid and vapor
H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness
EUH066: Repeated exposure may cause skin dryness or cracking

Precautionary Statements

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P261: Avoid breathing dust/fume/gas/mist/vapors/spray
P280: Wear protective gloves/protective clothing/eye protection/face protection
P337+P313: Get medical advice/attention
P403+P233: Store in a well ventilated place. Keep container tightly closed
P501: Dispose of contents/container in accordance with local regulation

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Table with 5 columns: INGREDIENTS, CAS#, EINECS #, REACH Pre-registration Number, CONCENTRATION % by Weight. Rows include Acetone and Cyclohexanone.

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).
# 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.
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration.
Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute.
Likely Routes of Exposure: Inhalation, Eye and Skin Contact
Acute symptoms and effects:
Inhalation: Severe overexposure may result in nausea, dizziness, headache.
Eye Contact: Vapors slightly uncomfortable. Overexposure may result in severe eye injury.
Skin Contact: Liquid contact may remove natural skin oils.
Ingestion: May cause nausea, vomiting, diarrhea and mental sluggishness.
Chronic (long-term) effects: None known to humans

SECTION 5 – FIREFIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical powder, carbon dioxide gas, foam, Halon, water fog.
Unsuitable Extinguishing Media: Water spray or stream.
Exposure Hazards: Inhalation and dermal contact
Combustion Products: Oxides of carbon and smoke
Protection for Fire fighters: Self-contained breathing apparatus or full-face positive pressure airline masks.
HMIS NFPA 0-Minimal
Health 2 2 1-Slight
Flammability 3 3 2-Moderate
Reactivity 0 0 3-Serious
PPE B 4-Severe

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.
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.
Materials not to be used for clean up: Aluminium 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/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 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 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

Table with 10 columns: EXPOSURE LIMITS, Component, ACGIH TLV, ACGIH STEL, OSHA PEL, OSHA STEL, OSHA PEL-Ceiling, CAL/OSHA PEL, CAL/OSHA Ceiling, CAL/OSHA STEL. Rows for Acetone and Cyclohexanone.

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/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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, thin liquid
Odor: Ketone
pH: Not Applicable
Melting/Freezing Point: -95°C (-139°F) Based on first melting component: Acetone
Boiling Point: 56°C (133°F) Based on first boiling component: Acetone
Flash Point: -20°C (-4°F) T.C.C. based on Acetone
Specific Gravity: 0.794 @23°C ( 73°F)
Solubility: Solvent portion soluble in water.
Partition Coefficient n-octanol/water: Not Available
Auto-ignition Temperature: 465°C (869°F): Acetone
Decomposition Temperature: Not Applicable
VOC Content: When applied as directed, per SCAQMD Rule 1171, VOC content is: < 25 g/l.
Odor Threshold: 0.88 ppm (Cyclohexanone)
Boiling Range: 56°C (133°F) to 156°C (313°F)
Evaporation Rate: >1.0 (BUAC = 1)
Flammability: Category 2
Flammability Limits: LEL: 1.1% based on Cyclohexanone
UEL: 12.8% based on Acetone
Vapor Pressure: 190 mm Hg @ 20°C (68°F): Acetone
Vapor Density: > 2.0 (Air = 1)
Other Data: Viscosity: Water-thin

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 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

Toxicity: LD50
Acetone: Oral: 5800 mg/kg (rat)
Cyclohexanone: Oral: 1535 mg/kg (rat), Dermal: 948 mg/kg (rabbit)
LC50: Inhalation 50,100 mg/m3 (rat)
Inhalation 4 hrs. 8,000 PPM (rat)

Table with 6 columns: Reproductive Effects, Teratogenicity, Mutagenicity, Embryotoxicity, Sensitization to Product, Synergistic Products. All values are 'Not Established'.

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 < 25 g/l.
Degradability: Readily 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: Flammable Liquid, n.o.s. (Acetone)
Hazard Class: 3
Secondary Risk: None
Identification Number: UN 1993
Packing Group: PG II
Label Required: Class 3 Flammable Liquid
Marine Pollutant: NO

Table with 2 columns: Label/Requirement and Description. Includes EXCEPTION for Ground Shipping and TDG INFORMATION.

SECTION 15 - REGULATORY INFORMATION

Table with 3 columns: Label/Requirement, Description, and Ingredient Listings. Includes Precautionary Label Information, Symbols, Risk Phrases, and Safety Phrases.

SECTION 16 - OTHER INFORMATION

Table with 3 columns: Label/Requirement, Description, and Compliance. Includes Specification Information, Department issuing data sheet, E-mail address, Training necessary, Reissue date / reason for reissue, and Intended Use of Product.

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.

