



GHS SAFETY DATA SHEET

5705 PVC

Low VOC SOLVENT CEMENT FOR PVC PLASTIC PIPE

SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: PRO-WELD 5705 Lo VOC Solvent Cement for PVC Plastic Pipe

SUPPLIER: Mighty Plumbing Solutions Adhesive LLC.

EMERGENCY: Transportation: CHEMTEL Tel. 800.255-3924, 813-248-0585 (International)

PRODUCT USE: Solvent Cement for PVC 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 2

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
CLASS D, DIVISION 1B

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

Hazard Statements

H225: Highly flammable liquid and vapor
H319: Causes serious eye irritation
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H351: Suspected of causing cancer
EUH019: May form explosive peroxides

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	EINECS #	REACH Pre-registration Number	CONCENTRATION % by Weight
Tetrahydrofuran (THF)	109-99-9	203-726-8	05-2116297729-22-0000	25 – 50
Methyl Ethyl Ketone (MEK)	78-93-3	201-159-0	05-2116297728-24-0000	5 - 36
Cyclohexanone	108-94-1	203-631-1	05-2116297718-25-0000	15 – 30

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. 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.
Chronic (long-term) effects:	Category 2 Carcinogen

SECTION 5 – FIREFIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical powder, carbon dioxide gas, foam, Halon, water fog.	HMIS	NFPA	0-Minimal
Unsuitable Extinguishing Media: Water spray or stream.	Health	2	2
Exposure Hazards: Inhalation and dermal contact	Flammability	3	3
Combustion Products: Oxides of carbon and smoke	Reactivity	0	0
Protection for Fire fighters: Self-contained breathing apparatus or full-face positive pressure airline masks.	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. 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.
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: Component, ACGIH TLV, ACGIH STEL, OSHA PEL, OSHA STEL, OSHA PEL-Ceiling, CAL/OSHA A PEL, CAL/OSHA Ceiling, CAL/OSHA A STEL. Rows include EXPOSURE LIMITS for THF, MEK, Cyclohexanone; Engineering Controls; Monitoring; Personal Protective Equipment (PPE); Eye Protection; Skin Protection; Respiratory Protection.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Table with 2 columns: Property and Value. Properties include Appearance, Odor, pH, Melting/Freezing Point, Boiling Point, Flash Point, Specific Gravity, Solubility, Partition Coefficient n-octanol/water, Auto-ignition Temperature, Decomposition Temperature, VOC Content, Odor Threshold, Boiling Range, Evaporation Rate, Flammability, Flammability Limits, Vapor Pressure, Vapor Density, Other Data: Viscosity.

SECTION 10 - STABILITY AND REACTIVITY

Table with 2 columns: Property and Value. Properties include Stability, Hazardous decomposition products, Conditions to avoid, Incompatible Materials.

SECTION 11 - TOXICOLOGICAL INFORMATION

Table with 4 columns: Toxicity, LD50, LC50, Target Organs. Rows include Tetrahydrofuran (THF), Methyl Ethyl Ketone (MEK), Cyclohexanone. Includes a sub-table for Reproductive Effects, Teratogenicity, Mutagenicity, Embryotoxicity, Sensitization to Product, Synergistic Products.

SECTION 12 - ECOLOGICAL INFORMATION

Table with 2 columns: Property and Value. Properties include Ecotoxicity, Mobility, Degradability, Bioaccumulation.

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.





SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name: Adhesives
Hazard Class: 3
Secondary Risk: None
Identification Number: UN 1133
Packing Group: PG II
Label Required: Class 3 Flammable Liquid
Marine Pollutant: NO

EXCEPTION for Ground Shipping	
DOT Limited Quantity:	Up to 5L per inner packaging, 30 kg gross weight per package.
Consumer Commodity:	Depending on packaging, these quantities may qualify under DOT as "ORM-D".

TDG INFORMATION	
TDG CLASS:	FLAMMABLE LIQUID 3
SHIPPING NAME:	ADHESIVES
UN NUMBER/PACKING GROUP:	UN 1133, PG II

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information:	Highly Flammable, Irritant	Ingredient Listings: USA TSCA, Europe EINECS, Canada DSL, Australia AICS, Korea ECL/TCCL, Japan MITI (ENCS)
Symbols:	F, Xi	
Risk Phrases:	R11: Highly flammable. R36/37: Irritating to eyes and respiratory system.	R66: Repeated exposure may cause skin dryness or cracking R67: Vapors may cause drowsiness and dizziness
Safety Phrases:	S2: Keep out of the reach of children S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition. S25: Avoid contact with eyes.	S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S33: Take precautionary measures against static discharges.

SECTION 16 - OTHER INFORMATION

Specification Information:		
Department issuing data sheet:	Quality Control	All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).
E-mail address:	<info@mpsadhesives.com>	
Training necessary:	Yes, training in practices and procedures contained in product literature.	
Reissue date / reason for reissue:	4/7/2015 / Updated GHS Standard Format	
Intended Use of Product:	Solvent Cement for PVC Plastic Pipe	

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.

