

SOLVENTS

CEMENTS FOR JOINTING

SOLVENT
CEMENT **WELDING**
IS ONE OF THE MOST
COMMONLY USED
JOINTING TECHNIQUES
FOR ABOVE
GROUND PIPING.
INSTALLING PVC-U, PVC-C.



HP PRIMER

ULTRA LOW VOC PRIMER FOR PVC AND CPVC PIPES

Specification:

Color	CLEAR
Specific Gravity	0.857 +- 0.04
Brookfield Viscosity	Water Thin
VOC Content	<- 398 g/L



HYDROPLAST PRIMER is a clear or purple, ultra low VOC, fast acting primer that rapidly softens and dissolves the joining surfaces of PVC and CPVC pipe and fittings prior to the application of solvent cement.

CLASSES, SCHEDULES & TYPES	All PVC & CPVC
RELATIVE SET TIME	Fast
APPLICABLE	ASTM F 656
PERFORMANCE	NSF/ANSI 14
SPECIFICATION	NSF/ANSI 61
SHELF LIFE	3 Years



GENERAL DESCRIPTION:

Hydroplast ECO PRIMER™ is an environmentally responsible primer with 30% lower solvent emission rate and significantly reduced odorous fumes than the current products in the market resulting in an improved workplace environment for pipe installers.

The HYDROPLAST PRIMER is a clear, ultra low VOC, fast acting primer that rapidly softens and dissolves the joining surfaces of PVC and CPVC pipe and fittings prior to the application of solvent cement.

APPLICATION:

Weld On Weld-On HYDROPLAST PRIMER is suitable for use on all types, classes and schedules of PVC and CPVC pipe and fittings. The use of HYDROPLAST PRIMER helps prepare and soften the joining surfaces, allowing the Hydroplast solvent cement to better solvent-weld and make the joint well-fused.



STANDARD & CERTIFICATION:

- Meets ASTM F656
- Meets SCAQMD Rule 1168/316A
- Credit can be earned per LEED® (Leadership in Energy and Environmental Design), IEQ Credit 4.1.
- Certified by NSF International to NSF/ANSI Standard 14 and 61 for use on potable water applications
- Purple primer only - certified by NSF International to the Uniform Plumbing Code

AVAILABILITY:

Stock #	SIZE CAP TYPE	Color	Units / Case	Lbs / Case	Cubic Feet Case
14839	Quart with dauber cap	Clear	12	25	0.67
14840	Pint with dauber cap	Clear	12	13	0.36
14841	½ Pint with dauber cap	Clear	24	17	0.37
14842	¼ Pint with dauber cap	Clear	24	7	0.22



PRODUCT SHELF LIFE:

3 years in tightly sealed containers. The date code of manufacture is stamped on the bottom of the container. Stability of the product is limited by the evaporation of the solvent when the container is opened. Adding of solvents is not recommended and may significantly change the properties of the product.



QUALITY ASSURANCE:

HYDROPLAST PRIMER is carefully evaluated to assure that consistent high quality is maintained. Fourier transform infrared spectroscopy, gas chromatography, and additional in depth testing ensures each batch is manufactured to exacting standards. A batch identification code is stamped on each can and assures traceability of all materials and processes used in manufacturing this product.



SPECIAL PRECAUTION:

Hydroplast solvent cements must never be used in plastic piping system using or being tested by compressed air or gases; including air-over-water booster. Do not use in conjunction with flue gas ventilation systems. Do not use a dry granular calcium hypochlorite as a disinfecting material for water purification in potable water piping systems. The introduction of granules or pellets of calcium hypochlorite with solvent cements and primers (including their vapors) may result in a violent chemical reaction if a water solution is not used. It is advisable to purify lines by pumping chlorinated water into the piping system – this solution will be nonvolatile. Furthermore, dry granular calcium hypochlorite should not be stored or used near solvent



CEMENTS AND PRIMERS.

This product is intended for use by skilled individuals at their own risk. Installers should verify for themselves that they can make satisfactory joints under varying conditions. Detailed directions on making solvent cemented joints are printed on the container label. It is highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer. Refer to the current Hydroplast HYDROPLAST PRIMER Safety Data Sheet for additional safety precautions, first-aid, storage, handling, transportation and disposal information.



CEMENTS WARRANTY:

Hydroplast Adhesives, Inc., warrants to all original purchasers of Hydroplast products that all new Hydroplast products shall be of good quality and free from defects in material and workmanship for the product's shelf life. If any Hydroplast product becomes defective, or fails to conform to this written limited warranty under normal use and storage conditions, and if the original purchaser complies with the terms of this limited warranty, then Hydroplast will, without charge, replace the nonconforming product.

MATERIAL SAFETY DATA SHEET:

HYDROPLAST GREY LOW VOC CEMENTS FOR PVC PLASTIC PIPE

SECTION 1 RISK HAZARD IDENTIFICATION

HEALTH		ENVIRONMENTAL		PHYSICAL	
Acute Toxicity:	Category 04	Acute Toxicity:	None Known	Flammable Liquid	Category 2
Skin Irritation:	Category 03	Chronic Toxicity:	None Known		
Skin Sensitization:	No				
Eye:	Category 02				

GHS LABEL: SIGNAL WORD: WHMIS CLASSIFICATION: Class B, Division 2
Class D, Division 1B

HAZARD STATEMENTS	PRECAUTIONARY STATEMENTS
H225: Highly Flammable Liquid and Vapor H319: Causes serious eye irritation H332: Harmful if inhaled H335: May cause respiratory irritation H336: May cause drowsiness or dizziness H351: Suspected of causing cancer EUH019: May form Explosive Peroxides	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. P304+P340: 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. P501: Dispose of contents/container in accordance with local regulation.

SECTION 2 CHEMICAL COMPOSITION

	CAS#	CONCENTRATION	SYMBOL	R PHRASES	S PHRASES	EXPOSURE LIMIT VALUE
Polyvinyl Chloride Resin (PVC)	NON/HAZ	15 - 40%	N/A	N/A	-	N/A
Tetrahydrofuran (THF)**	109-99-9	55 - 75%	F Xi	11-19-36-37	7-16-29-33	200 PPM
Methyl Ethyl Ketone (MEK)	78-93-3	4 - 20%	F Xi	11-36-66-67	2-7-9-16-51	200 PPM
Cyclohexanone	108-94-1	2 - 19%	Xn	10-20	7-29	25 PPM Skin
Acetone	67-64-1	3 - 19%	F Xi	11-36-37-38	23-26-33-39	750 PPM

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 subjected 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.



/hydroplast-fittings



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