



A CSW Industrials Company

# PRODUCT DATA SHEET

## ARCTIC™ 616L

### PVC Medium Body Solvent Cement

#### Description

Arctic 616L is a premium polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings through 6" for Schedule 40 and 1-1/4" for Schedule 80. Max VOC per SCAQMD 1168/316A or BAAQMD method 40: 510 g//L.

Arctic 616L is a clear, medium body cement that is specifically formulated to give optimum solvent welding penetration of pipe and fitting surfaces under low temperature conditions for maximum bond strength.

#### Instructions

1. Store and apply between 0°F and 120°F. Protect from freezing. Do not thin or use if cement has become curdled, lumpy or thickened.
2. Wear non-permeable gloves during application to avoid skin contact.
3. Clean fitting socket and pipe, and check for proper fit. Apply PRIMER to all PVC surfaces. While still wet, quickly begin solvent cement application.
4. Shake well before using and stir frequently while using. Apply with supplied dauber applicator. For pipe greater than 2" diameter, use natural-bristle brush sized 1/2 of the pipe diameter.
5. Apply thin coat evenly to socket. Avoid puddling. Quickly apply heavy coat to pipe end. While wet, quickly insert pipe into fitting with slight twisting movement until it bottoms out.
6. Hold pipe into fitting for at least 30 seconds to prevent pipe backing out.
7. Wipe excess cement from joint with rag. Allow 15 minutes before handling. Avoid full-line pressure for 24 hours. Cure times varies with size, fit, temperature and humidity.

#### Applications

Arctic 616L is formulated for use on all PVC pipe applications such as potable water, pressure pipe, gas, conduit, sewers, and drain, waste and vent (DWV). It is for use on PVC pipe through 6" Schedule 40 and 1-1/4" Schedule 80.

Special Note - All solvents evaporate slower at lower temperatures. Even though Arctic 616L will dry at temperatures below 40°F, the colder the temperature, the slower the drying rate. The PVC joint cure schedule for cold weather listed in ASTM D2855 can be used as a guideline for drying times for Arctic 616L for application at temperatures below 40°F. Extreme care should be exercised on all joints made in temperatures below 10°F.

#### Packaging

Code	Size	Qty. per Case	Lbs. per Case	Cubic Ft per Case
55919	Pint Dauber top (473 ml)	12 Cans	15	.43
55948	Quart Dauber top (946 ml)	12 Cans	28	.78
55953	Gallon (3.8 L)	4 Cans	34	.80



#### Characteristics | Features

- Specifically designed for use in cold weather
- Remains stable from 0°F to 120°F - can be used year-round
- NSF approved for potable water
- Medium body - reduces product run-off and has excellent gap filling characteristics
- UPC (IAPMO) listed under File No. 1796
- LEED Compliant
- Exceed ASTM D2564 specifications

# ARCTIC™ 616L

## PVC Medium Body Solvent Cement

### Specifications

Wt/Gal @ 77°F	7.5 lbs./gal.
Flash Point SETA CC	3° F
Color	Clear
Shelf Life	2 years



FILE NO. 1796



pw-dwv-sw

Suggestions and recommendations covering the use of our products are based on our past experience and laboratory findings. However, as we have no control as to the methods and conditions of application, we only assume responsibility for the uniformity of our products within manufacturing tolerances.



### DANGER!

Highly flammable liquid and vapor. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Contains a chemical classified by the US EPA as a suspected possible carcinogen.

**FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC-DAY OR NIGHT 1-800-424-9300.**

**CONTAINS: Tetrahydrofuran 109-99-9, Methyl Ethyl Ketone 78-93-3, Acetone 67-64-1 and Cyclohexanone 108-94-1.** Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Long term repeated overexposures to solvents may cause damage to the brain, nervous system, reproductive system, respiratory system, mucous membranes, liver, and kidneys. **FIRST AID** - For any overexposure, get immediate medical attention after first aid is given. **EYES** - Flush 15 minutes with clean water. **SKIN** - Wash with soap and water. **INHALATION** - Remove to fresh air. **INGESTION** - DO NOT INDUCE VOMITING. Only if conscious, give large amounts of water. Do not reuse empty container. **KEEP OUT OF REACH OF CHILDREN.**

For additional information, refer to Safety Data Sheet.

### Limited Warranty

RectorSeal, LLC makes the Limited Express Warranty that when the instructions for storage and handling of our products are followed we warrant our products to be free from defects. THIS LIMITED EXPRESS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF RectorSeal, LLC. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and RectorSeal, LLC shall not be liable for incidental or consequential damages.

Manufactured by

**RectorSeal, LLC**

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