



Submittal Information for Spears® Manufacturing Company CPVC 24 CPVC Solvent Cement

GSCPVC24-0225

Date: _____

Job Name: _____ Location: _____

Engineer: _____ Contractor: _____

Scope:

This submittal covers Spears® CPVC industrial grade, heavy bodied, medium setting solvent cement intended for use in CPVC & PVC pressure applications where the application operating temperature does not exceed 200°F (93°C) for CPVC and 140°F (60° C) for PVC.

Product Specification:

All CPVC24 solvent cement shall be industrial grade, heavy bodied, medium setting, suitable for all class and pipe schedules with interference fit through 24 inch nominal pipe size. All CPVC24 solvent cement shall be specially formulated for use with both CPVC and PVC systems requiring chemical resistance to caustics, including hypochlorite solutions, mineral acids, aggressive water and aqueous salt solutions. All CPVC24 solvent cement shall be certified by NSF International for conformance to ASTM F493, The Uniform Plumbing Code (NSF® U.P.Code), NSF®/ANSI Standard 14, NSF®/ANSI Standard 61 for use with potable water (PW) and certified for use in drain, waste, vent (DWV) and sewer (SW) applications. All CPVC24 solvent cement shall be LEED® compliant, have Low VOC emissions meeting the requirements of SCAQMD Rule 1168/316A. All CPVC24 cement shall be certified to UL 2818 GREENGUARD GOLD by Underwriters Laboratories (UL). All CPVC24 solvent cement shall be made in the U.S.A, be available in orange or gray color and have a two (2) year shelf life in tightly sealed containers, as manufactured by Spears® Manufacturing Company.

Product Marking:

All CPVC24 solvent cement container labeling shall include name and address of Spears® Manufacturing Company name and address, ASTM F493, heavy bodied, Low VOC for CPVC and PVC piping systems through 24" diameter.

Cement can shall have a date stamp on can bottom referencing date of manufacture. Cement label shall contain installation instructions for application and use. CPVC24 solvent cement label shall indicate intended for use on potable water applications by NSF International safe for potable water and list all warning labels. All CPVC24 cement can labels shall bear the UL GREENGUARD GOLD emblem.

Installation:

CPVC24 solvent cement is suitable for use with all classes and schedules of pipe with interference fit through 24" diameter. Installation using Spears® CPVC24 solvent cement shall comply with current installation instructions published by Spears® Manufacturing Company, established industry standards and practices and all applicable code requirements. The piping system shall be joined using a two-step solvent cement joining process with primer conforming to ASTM F656 and solvent cement conforming to ASTM F493. The piping system shall be protected from ultra violet (UV) light exposure from the sun or other source and protected from any chemicals that are not compatible with the thermoplastic material including but not limited to fire stopping materials, plasticizers, incompatible thread sealants, etc.

NOTE: Spears® thermoplastic piping systems are suitable for oil-free air handling to 25 psi, not for distribution of compressed air or gas.

Referenced Standards:

- ASTM F493 – Solvent Cements for CPVC Pipe & Fittings
- ASTM F656 - Primers for PVC Pipe & Fittings
- NSF International Standard 61- Potable Water, DWV and Sewage
- SCAQMD Rule 1168/316A
- LEED - Leadership in Energy and Environmental Design

Approvals:

- NSF® – NSF International Water
- NSF® Uniform Plumbing Code (U.P. Code)
- UL – GREENGUARD GOLD Certified UL 2818

PROJECT APPROVAL

Approved: _____

PRINT

Sign: _____

Date: _____

