



# Submittal Information for Spears® Manufacturing Company PRIMER21-68 (PRIM21-68) For use with Solvent Cement

GSPRIM21-68-1021

Date: \_\_\_\_\_

Job Name: \_\_\_\_\_ Location: \_\_\_\_\_

Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_

### Scope:

This submittal covers Spears® PRIM21-68 primer intended for use in CPVC & PVC pressure, DWV and sewage 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 PRIM21-68 primer shall be suitable for all class and pipe schedules with interference fit. All PRIM21-70 primer shall be certified by NSF International for conformance to ASTM F656, The Uniform Plumbing Code (NSF® U.P.Code-purple only), 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 PRIM21-68 primer shall be LEED® compliant, Low VOC emission product meeting the requirements of SCAQMD Rule 1168/316A. All PRIM21-68 primer shall be Certified to NSF/ANSI 372 and conform with the lead content requirements for "lead free" plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act. All PRIM21-68 primer shall be made in the U.S.A, be available in purple or clear and have a three (3) year shelf life in tightly sealed containers, as manufactured by Spears® Manufacturing Company.

### Product Marking:

PRIM21-68 primer container labeling shall include name and address of Spears® Manufacturing Company, ASTM F656, Industrial Grade, Low VOC. Primer can shall have a date stamp on can bottom referencing date of manufacture. Can label shall contain installation instructions for application and use. Can label shall indicate intended for use in potable water (pw) drainage (dvw) and sewage (sw) applications by NSF International and list all warning labels.

### Installation:

PRIM21-68 primer is suitable for use with Spears® solvent cements and all classes and schedules of pipe with interference fit through 24" diameter. Installation using Spears® PRIM21-68 primer 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 applicable ASTM standard. 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 materials 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 F656– Standard Specification for Primer
- 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)

### PROJECT APPROVAL

Approved: \_\_\_\_\_  
PRINT

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

