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## PRODUCT DATA SHEET

## SP-5883 PPP

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**DESCRIPTION:** SP-5883 is a Polyolefin Pretreatment Primer specifically developed to be used with SPC 100% Solids Epoxy on Polyethylene (PE) or Polypropylene (PP) coated pipe. The primer and epoxy topcoat provides excellent adhesion to polyolefin substrate.

**RECOMMENDED USES:** Polyolefin Pretreatment Primer for SPC 100% Solids Epoxy.

**APPLICATION:** Brush Grade: Brush or Roller.  
(Brush preferred to apply the specified amount. See Recommended Film Thickness.)

**CLEANING MATERIALS:** SP-110 Tool Cleaner

**SURFACE PREPARATION:** Abrasive blast the PE or PP coated surface to maximum roughness, creating a surface profile of 3-4 mils (75-100 microns). Avoid blasting the surface at an angle because this will cause a “burr” or a carpet-like effect on the surface that will lead to poor adhesion. Direct blasting the PE or PP coated surface will minimize this effect.

**RECOMMENDED FILM THICKNESS:** The application of the proper amount of SP-5883 is very important to ensure adhesion of SPC 100% Solids Epoxy to PE and PP surfaces. Due to the low viscosity of the material, the required thickness can best be determined by the quantity of SP-5883 applied onto a specified area. The recommended amount of SP-5883 to be applied on abrasive blasted surface is 1.9 m<sup>2</sup> (20 ft.<sup>2</sup>) per Liter of SP-5883.  
Note: Any SP-5883 that may be on the steel surface is acceptable, but ensure that SP-5883 is dry before application of SPC 100% Solids Epoxy.

**MIXING RATIO:** N/AP. Single component product.



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### HANDLING PROPERTIES:

Pot Life [100 gm mass @ 25°C (77°F)]...	N/AP. Single component product.	
Re-Coat Time [25°C (77°F)].....	Four (4) hours minimum before application of SPC 100% Solids Epoxy, or air-dry for 1-3 minutes, then force cure until the PE or PP surface reaches 70-80°C (158-176°F). There is no maximum overcoat time for SP-5883. SP-5883 must be completely dry before re-coating to ensure inter-coat adhesion.	
Flash Point.....	14°C (57.20°F)	Flammable liquid.
Storage / Shelf Life .....	Store in a cool, dry, well-ventilated area at temperatures between 5°C (41°F) and 40°C (104°F). Store away from incompatible materials (water, acids, chlorides and strong oxidizers) and all sources of ignition. Keep in tightly sealed containers. The Shelf Life is a maximum of 12 months in unopened containers.	

**SAFETY:** Read the Material Safety Data Sheet before use.

**EFFECTIVE DATE:** March 21, 2006