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PRODUCT DATA SHEET

SP-9888[®] TF

DESCRIPTION: SP-9888[®] TF is a thin film coating of SP-9888[®]. SP-9888[®] TF coating is a 90% Solids version of SP-9888[®].

ADVANTAGES:

- High abrasion resistance.
- Excellent chemical, solvent and water resistance
- Excellent impact resistance.
- Good flexibility.

USES:

- Coating the interior of tank nozzles or tank intake piping.
- Striping of welds or tank interiors.

APPLICATION:

- Spray Grade: Airless spray.
- Brush Grade: Brush or Roller
- No further solvent reduction is necessary.

CLEANING MATERIALS:

- SP-100 Equipment Wash
- SP-110 Tool Cleaner
- SP-120 Internal Storage Lubricant

SURFACE PREPARATION:

Steel Substrate:

- Cleanliness** : Near White
- Standards** : NACE 2, Sa 2½ (Swedish Scale, ISO 8501-1)
: SSPC SP-10 (Steel Structures Painting Council)
- Profile** : 62.5 microns minimum to 125 microns maximum
(2.5 mils to 5.0 mils)



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MIXING RATIO: □ Brush Grade or Spray Grade; By Volume: 3 Parts Base to 1 Part Hardener.

RECOMMENDED FILM THICKNESS:

- Two to three coats; each 150 to 200 microns (6 to 8 mils) Dry Film Thickness (DFT).
- Depends upon the application; consult with your SPC Representative.

RE-COAT INTERVAL:

Minimum: 4 Hours @ 25°C (77°F)

Maximum: 48 Hours @ 25°C (77°F)

- The Re-coat Interval may vary depending upon the substrate temperature, consult with your SPC Representative.
- If the Re-coat Interval exceeds 48 Hours at @ 25°C (77°F), preparation of the surface is required before re-coating.
- Small areas δ 316 sq. cm. (δ 49 sq. in.) may be sanded using a medium grit (80-100) carborundum cloth. All dust from sanding must be removed from the surface prior to the application of the coating.

HANDLING PROPERTIES:

Pot Life [100 gm (3.5 oz) mass @ 25°C (77°F)] 50 Minutes

Dry Time (ASTM D1640) [150 to 200 microns (6 to 8 mils) coating thickness @ 25°C (77°F)]

Touch Dry Time 4 Hours

Dry Hard Time 8 Hours

Substrate Temperature..... The acceptable substrate (metal surface) temperature range for the application of SP-9888[®] TF is 15°C (59°F) to 50°C (122°F). Preheating of the substrate is required if the surface to be coated is below 15°C (59°F). The substrate temperature must be a minimum of 3°C (5°F) above the dew point temperature before proceeding with the coating operation.

Storage / Shelf Life Store in a cool, dry, well-ventilated area at temperatures between 5°C (41°F) and 40°C (104°F). Keep in a tightly sealed container when not in use. The Shelf Life of SP-9888[®] TF is a maximum of 24 months from the Date of Manufacture if the materials are in unopened containers.

All information, recommendations, and test performance results herein were obtained in a controlled environment and SPC makes no claim that the data and tests accurately represent all environments and specific project specification requirements. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating. SPC products are sold with the understanding that the purchaser or user is solely responsible for determining their suitability for any purpose, and that the purchaser or user assumes all risks and liability associated with the use of the product. No guarantee, either expressed or implied, is made with respect thereto or with respect to the infringement of any patent. The information herein is not to be copied, used in evidence, released for publication, or public distribution without written permission from Specialty Polymer Coatings.



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LIQUID PROPERTIES:

BASE

HARDENER

Appearance	Tan Liquid.	Amber Liquid.
Solids Content (%)	90	90
Specific Gravity (ASTM D1475)....	1.41 ± 0.03	1.04 ± 0.03
Specific Gravity (ASTM D1475)....	Base & Hardener Mixed:	1.32 ± 0.03
Coverage (Theoretical).....	Base & Hardener Mixed:	34.0 m ² /Litre/25 microns [1443 ft ² /U.S. Gallon/mil]

SAFETY:

- Read the Material Safety Data Sheets before use.
- Flammable Liquid: Avoid inhalation of solvent vapours or paint mist. Avoid contact of liquid paint on the skin or with the eyes. Forced ventilation should be provided when applying paint in confined spaces. As a general safety practice, respiratory, skin and eye protection are always recommended during the brush and/or spray grade application of paint or coating.

EFFECTIVE DATE: October 25, 2016

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