

TECHNICAL DATA SHEET

PRODUCT NAME: TEP is a two component solvent based cross-linking, non-pigmented epoxy coating / primer.

PRODUCT FEATURES: Tough, durable, clear coating based on the proven two component epoxy cross-linking cure technology. Formulated to be low in viscosity to easily penetrate and fortify weak concrete and asphalt surfaces. High compressive and tensile strength to strengthen weak / damaged surfaces. Used as a primer for adhesion promotion. Water resistant to form a strong water barrier to extend the life expectancy of the top coat.

RECOMMENDED USES: Use on porous cementitious and asphalt surfaces viz roads, streets, parking decks.

SURFACE PREPARATION: Good surface preparation is essential for the optimum performance of any paint or primer. Substrates must be dry, free of dirt, grease and loose debris. Get an expert opinion before spraying hard to stick surfaces or for problematic environmental conditions during application.

APPLICATION EQUIPMENT: Brush, roller, conventional or airless spray machines. Check the proper pump pressures, tip sizes, atomizing pressures that are best suitable to get the most efficient spray pattern for the correct mil thickness required. TEP is a solvent based, flammable product. Make certain spray machine is designed for spraying solvent based flammable liquids and is grounded properly.

MIXING PROCEDURE: Mix equal parts of Part A and Part B in an appropriate size container for the batch size needed. Mix the two parts thoroughly. Use before the pot life or product will harden up in the mixing container or the spray machine. When TEP is used as a primer, the Thermoplastic traffic paint (top Coat) can be applied over the TEP prime coat after the solvents have flashed out and the TEP has started to cure is slightly tacky.

STORAGE & WASTE DISPOSAL: Flammable, solvent based paint. For professional use only. Keep away from children. Proper agitation and mixing of paint is imperative to ensure proper spray consistency, application results and performance. Make sure lids are properly closed and resealed properly to avoid any spillage during prep work or transportation. Keep flammable paints away from heat or flame and proper grounding is done while pouring, mixing, spraying and cleaning of spray equipment. Strictly comply with all local and federal regulations during storage, application and disposal of paints.

SPECIFICATION DATA

Part A – epoxy resin solution, Part B - Epoxy curing agent.	Weight per Gallon: 8.0 – 8.2
Container: 5 gallons or 55 gallons metal containers.	Coverage: 200 - 300 sq. feet per gallon.
Color: Clear.	Wet Coverage: 12 – 16 wet Mils.
Viscosity: 40 - 55 KU.	Dry Coverage: 3.5 – 4.0 dry Mils.
Mixing Ration: Part A : Part B :: 1: 1	Dry mechanism: Epoxy – Amine crosslink.
Weight Solids: 28 – 32 %.	Dry Opacity: Clear.
Pot life : 10 – 12 hours at 77 deg F.	Water Resistant: Good.
Volatile Organic Compounds: 2.94 lbs/gal or 353 gms / lit.	Clean-up: Toluene, Lacquer thinner.
OverCoat Time: at 77 deg. 50 % RH, 5 – 15 mins.	Flash Point: ND, Extremely Flammable.
Full Cure : 3 days.	Storage: Keep away from Heat or Sparks.

Disclaimer: There are no warranties which extended beyond the information in the TDS. TCC warrants this product to conform to its own specifications. Manufacturer's liability on this warranty is limited to the return of the purchase price of this product. The buyer assumes all risks and liability resulting from the use of this product. USSC neither assumes nor authorizes any person to assume for it any other liability in connection with the sale or use of this product. Request a MSDS if needed.