



# TECHNICAL DATA SHEET

## CP LITHIFY

### PRODUCT DESCRIPTION

The Concrete Protector Lithify is a one component extra strength water based lithium solution that is used to densify cement and concrete.

**STANDARD COLORS:** N/A

**OTHER COLORS ALSO AVAILABLE:** N/A

#### CURE SCHEDULE (70°)

**POT LIFE (1.5 GAL Volume)** N/A

**TACK FREE (DRY TO TOUCH)** N/A

**RECOAT OR TOPCOAT** N/A

**LIGHT FOOT TRAFFIC** N/A

**FULL CURE** 28 days

#### COVERAGE

Recommended for sidewalks, drives or any concrete floors.

**COVERAGE PER GALLON:** 100-400 sq ft @ 4-8 mils

**MIX RATIO:** N/A

**RECOMMENDED FILM THICKNESS:** Apply until puddles saturate

**PACKAGING INFORMATION:** 5 Gallon

### PHYSICAL PROPERTIES

**FLEXURAL STRENGTH:** N/A

**COMPRESSIVE STRENGTH:** N/A

**TENSILE STRENGTH:** N/A

**ADHESION:** Delaminating will not occur

**VISCOSITY:** Less than 25 cps

**ABRASION RESISTANCE:** Application will increase the abrasion resistance

**ULTIMATE ELONGATION:** N/A

**HARDNESS:** N/A

**VOLATILE ORGANIC CONTENT:** N/A

**SHELF LIFE:** 1 year in unopened containers

### CHEMICAL RESISTANCE

REAGENT	RATING

RATING KEY: A - NOT RECOMMENDED, B - 2 HOUR TERM SPLASH SPILL, C - 8 HOUR TERM SPLASH SPILL, D - 72 HOUR IMMERSION, E - LONG TERM IMMERSION.

NOTE: EXTENSIVE CHEMICAL RESISTANCE INFORMATION IS AVAILABLE THROUGH YOUR SALES REPRESENTATIVE.

## LIMITATIONS

The surface can be damp prior to application but there should be no standing water or puddles. The best application would be with a dry substrate.

Remove all overspray before drying from all glass or metal surfaces as this product can etch the surface.

Under certain conditions, a precipitate may be deposited as the lithium solution dries.

## INSTRUCTIONS

**PRODUCT MIXING:** Stir before use.

**SURFACE PREPARATION:** Refer to the TCP Training manual and the ICRI standards for proper surface preparation.

**CLEANUP:** Use any suitable mild detergent with a neutral pH to slightly alkaline pH and water.

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

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