

## **ECO-CRE™** CHEMICAL RESISTANT EPOXY

## High-performance, chemical spill protection

- **ECONOMICAL** Avoids costly floor replacement and reduces cleaning maintenance costs
- SUPERIOR PROTECTION Provides excellent chemical resistance
- **VERSATILE** Can be used in battery charging areas and other areas exposed to harsh chemicals

## Part of the **Eco-**Advantage Family:

Low Odor No noxious fumes; will not contaminate odor-sensitive inventory.

Environmentally Friendly Reduced solvent means less evaporation and less waste.

User Friendly Can be applied during normal business hours—no shutdown required.

VOC Compliant Meets the Environmental Protection Agency VOC regulations.

## The Versatile Choice for Chemical Exposure Areas.

Eco-CRE is a 100 percent novolac epoxy that protects concrete from chemical damage and erosion. It is formulated for use in battery charging areas, chemical processing areas, laboratories and other areas exposed to harsh chemicals.



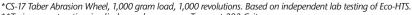
Eco-CRE Snapshot	
APPEARANCE:	Gloss finish
COLOR:	Amber
TRACTION:	Increase slip resistance with Tennant's line of grit additives
PERFORMANCE:	Superior chemical resistance, Novolac
ABRASION RESISTANCE:	Superior
APPLICATIONS:	Battery charging, chemical processing and other chemical exposure areas
INSTALLATION:	Customer or contractor applied

Chemical R	esistance Proper	tie	S
		l day	
Acids, Inorganic	10% Hydrochloric Acid 30% Hydrochloric Acid	E	E
	(Muriatic)	E	Ε
	10% Nitric Acid	E	Ε
	50% Phosphoric Acid 37% Sulfuric Acid	G	G
	(Battery Acid)	G	G
Acids, Organic	10% Acetic Acid	G	F
	10% Citric Acid	E	Ε
	Oleic Acid	E	E
Alkalies	10% Ammonium Hydroxide	Е	Е
	50% Sodium Hydroxide	E	Ε
Solvents (Alcohols)	Ethylene Glycol (Antifreeze)	Е	Е
solvents (Alconols)	Isopropyl Alcohol	Ē	G
	Methanol	P	Р
Solvents (Aliphatic)	d-Limonene	Е	Е
	let Fuel (IP-4)	Ε	Ε
	Gasoline	Е	Ε
	Mineral Spirits	Ε	Ε
Solvents (Aromatic)	Xylene	E	E
Solvents (Chlorinated)	Methylene Chloride	Р	Р
Solvents (Ketones & Esters)	Methyl Ethyl Ketone (MEK) Propylene Glycol Methyl	P	Р
	Ether Acetate (PMA)	G	F
Miscellaneous	20% Ammonium Nitrate	Е	Ε
Chemicals	Brake Fluid	G	G
	Bleach	E	Ε
	Motor Oil (SAE30)	Ε	Ε
	Skydrol® 500B	Е	Ε
	Skydrol® LD4	Е	Ε
	20% Sodium Chloride	E	Ε
	1% Tide® Laundry Soap	E	Ε
	10% Trisodium Phosphate	Е	Ε

Skydrol® is a registered trademark of Solutia, Inc. Tide® is a registered trademark of Proctor and Gamble

G = Good (Limited Adverse Effect or Staining) P = Poor (Unsatisfactory)

Physical/Performance Properties				
MATERIAL PROPERTIES (LIQ	,	Provide		
Property	Test Method	Results		
Flash Point, °F (°C) Seta Closed Cup	ASTM D3278	Part A: >200 (93) Part B: >200 (93)		
Percent Solids, by weight	ASTM D2369	Part A: 100 Part B: 100		
Density, lb/gal (kg/L)	ASTM D1475 (A/B)	Part A: 9.82 (1.18) Part B: 8.35 (1.00) Mixed: 9.38 (1.13)		
Shelf Life		Minimum 1 year		
Viscosity, cps Brookfield	ASTM D1545	Part A: 800-1100 Part B: 450-650 Mixed: 600-800		
Volatile Organic Compound (VOC) lb/gal (g/L)	ASTM D3960	Mixed: A+B 0.0 (0)		
CURED COATING PROPERTIE	ES (DRY FILM)			
Property	Test Method	Results		
Abrasion Resistance, mg loss* Taber Abraser	ASTM D4060	83.0		
Coefficient of Friction (COF)** James Friction Tester	ASTM D2047	0.7		
Tensile Strength, psi (kPa)	ASTM C2370	8,000 (55,200)		
Percent Elongation	ASTM D2370	5		
Shore D Hardness	ASTM D2240	75-80 @ 0 sec 70-75 @ 15 sec		
UV/Light Stability	Will turn yellow or a	mber over time		
APPLICATION CHARACTERIS	STICS (1 GALLON)	Decelle		
Property		Results		
Coverage Rate, ft²/gal	200-535			
Application Thickness, wet/dry m	3-8			



<sup>\*\*</sup>To improve traction in slip hazard areas, use Tennant 292 Grit. See 292 Grit Product Bulletin for more information.

Results are based on conditions at 77°F, 50% relative humidity.



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A floor-care system of high-performing Tennant coatings, sweepers, and scrubbers will maximize your floor's natural life, minimize your maintenance costs and create a world-class impression.

