



SAFE-T PLUS

A solvent free, two part, single coat epoxy coating system formulated for spray application and rapid return-to-service.

PRODUCT BENEFITS



Formulated for use in highly corrosive and potable water applications with special additives and modifiers to enhance the water resistance and bond strength. Suitable for use in fuel, seawater, bilge, seawater ballast, boiler feedwater and interior/ exterior structures.

ADVANTAGES	
NAVSEA QUALIFIED	EXCELLENT CURE AT LOW TEMPERATURES
TRUE SINGLE COAT APPLICATION	SUPERIOR CHEMICAL RESISTANCE PROPERTIES
RAPID RETURN TO SERVICE	HIGH HUMIDITY CURE
SOLVENT FREE, LOW VOC	READY-TO-USE, NO INDUCTION TIME OR THINNING
POT LIFE: 27 MINUTES	POTABLE WATER APPLICATIONS





SAFE-T PLUS

TYPICAL PROPERTIES

LIQUID PROPERTIES

Viscosity (ASTM 3278 Method A)	5,000-10,000cps
Volume Solids (ASTM D 2697)	98% 2%
Weight Solids (ASTM D 1475)	98% 2%
Thixotropic Index	4.0 - 5.0
Specific Gravity	~1.12
Flash Point (Closed cup)	>235°F
Color	Off-white, grey, blue
Geltime (200g@77°F)	27 minutes
Dry Hard (@ 77°F)	2 hours
Dry Hard (@ 40°F)	8 hours
Shelf Life	3 years Stored unopened, dry and cool (mix activator side before use after 1 year of age.)
Storage Requirements	40-100°F
VOC (EPA Method 24)	<0.54 lb/gal.; 64.7g/L
Coverage (@ 20 mils)	80ft ²
Coverage (@ 30 mils)	60ft ²

PHYSICAL PROPERTIES

Tensile Strength (ASTM D638-86)	7000 psi
Glass Transition Temperature (ASTM D3418-82)	151°F
Tensile Elongation @ Break	4.8%
Shore D Hardness	>80

QUALIFICATIONS/CERTIFICATIONS

NAVY

MIL-PRF-23236 Type VII, Class 5/18, 7/18 and 11/18 Grade C. For Navy Standard 009-32 applications refer to ASTM F-7 /18 application data sheet.

NSF

Certified to Standard NSF-61 for tanks 500 gallons and over, and 6 inch diameter pipes and over.

All values reported within this document are typical values and are reported as a means of reference. Characteristics may differ depending upon variables including mixing method, equipment, material temperature, application method, test methods, site conditions, surface preparation, environmental conditions, etc. Individual testing should be done to determine actual results, tested in specific application conditions.

WARRANTY

Warren typically offers a one year warranty. Additional information will be provided upon request.

DISCLAIMERS

Always read associated Safety Data Sheets (SDS) before working with any product. SDS can be requested by calling our office at 508.947.8539 or emailing us at info@warrenenviro.com. All values reported within this document are typical values and are reported as a means of reference. Individual testing should be done to determine actual results, tested in specific conditions. If you witness unethical or incorrect practices related to the use or application of any Warren Environmental product, please contact us immediately 508.947.8539.

ISO 9001

Warren Environmental is a ISO 9001:2015 certified company.



DRY TIME

	90°F (32°C)	70°F (21°C)	50°F (10°C)
Dry to Recoat (min)	2 hours	4 hours	8 hours
Maximum Recoat	14 days	14 days	14 days
Dry to Handle	1.5 hours	2 hours	8 hours
Full Service	24 hours	36 hours	48 hours