



**301-NV
HIGHLY CHEMICAL RESISTANT**

DESCRIPTION: A two part, highly reactive epoxy system formulated for spraying through heated lines with Warren Environmental, Inc.'s patented meter/mix spray equipment. It may also be applied using a spin cast techniques with a rotating spinner head, and hand application methods.

CHARACTERISTICS: Formulated with special additives and modifiers to enhance the water resistance, chemical resistance, and bond strength to a variety of substrates as well as its own internal strength. Warren Environmental's 301-26 produces an offwhite finish.

APPLICATION: Designed as a one-coat system, the epoxy component utilizes a 3 parts base to 1 part activator mix ratio by volume. This product is sold and installed only by technicians specifically trained and licensed in our patented techniques.

ADVANTAGES:

- Excellent for use in high chemical resistant applications
- Higher heat resistance. Operating temperatures to 340°F for short term exposures.
- Maximum Field Use Dry Film Thickness per Coat is 40 mils
- Maximum Field Use Dry Film Total Thickness is 40 mils
- Cures in 7 days @ 70°F or 24 hours @ 70°F plus 2 hours @ 250°F
- May be used on tanks as small as 5 gal.
- Recoating is not necessary
- 0% VOC's
- Ready-to-Use (No Thinning Required)

CERTIFICATION:
Pending

SPECIAL SAFETY AND HANDLING: There are no special safety or handling procedures beyond those published on the reverse and the Material Safety Data Sheets.

Typical Properties

Liquid Properties (Systems)

Viscosity	Semi-Paste
Thixotropic Index	2.25 to 1.00
Specific Gravity	1.20
Flash Point (Closed Cup)	>235°F
Color	Varies
Geltime (200g@77°F)	15 minutes
Thin Film Set (@ 77°F)	2 hours
Thin Film Set (@ 40°F)	8 hours

**Physical Properties
(1/8" Casting)**

Tensile Strength (ASTM D638-86)	7000 psi
Flexural Strength (ASTM D790-86)	11,000 psi
Flexural Modulus @ 0.100" (ASTM D790-86)	500,000 psi
Compressive Strength (ASTM D695-85)	12,000 psi
Glass Transition Temperature (ASTM D3418-82)	208°F
Tensile Elongation @ Break	4.8%
Thin Film Set (@77°F)	2 hours
Shore D Hardness	83-85

**Chemical Resistance
(28 Day Immersion)**

Chemical	Weight Gain (%)
Toluene	1.05
Ethanol	4.68
10% Acetic Acid	3.85
70% Sulfuric Acid	0.13
50% Sodium Hydroxide	0.09
Distilled Water	0.25
Methanol	8.02
Xylene	0.69
Butyl Cellosolve	0.10
Methyl Ethyl Ketone	1.65
10% Lactic Acid	3.51
Bleach	0.93
1,1,1 Trichloroethane	0.43
10% Nitric Acid	1.50
30% Nitric Acid	2.10

Contact us at:
 PO Box 1206, Carver, MA 02330 Tel. (508) 947-8539 Fax (508) 947-3220
 www.warrenenviro.com E-mail: info@warrenenviro.com

All values reported above are typical values, and are reported as a means of reference. Individual testing should be done to determine actual results, tested at specific conditions.