



Product Data Sheet

DAI NIPPON TORYO, CO., LTD.

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For more or latest information please consult DNT

FEATURES: <ul style="list-style-type: none"> • Excellent Water and Salt Water Resistance. • Excellent Adhesion to Surfaces. • Excellent Workability. 	NO./NAME: 1831 EPONICS #310 DV UNDER COAT
	TYPE: Modified Polyamide Amine Cured Epoxy Primer.
	SHIPPING WEIGHT: 14 ℓ Unit (12.6 ℓ . Base 1.4 ℓ . Hardener)

SPECIFICATION DATA

PACKAGE 2 Component

COLOR Green

FINISH Flat

SPECIFIC GRAVITY @20°C Mixed Material :1.35
 Volatiles : 0.86

VISCOSITY @20°C 80 Krebs Units

SOLIDS CONTENT 66% - by weight

DRYING TIME	@5 (41°F)	@20 (68°F)	@30 (86°F)	@40 (104°F)
To Touch:	2	1/2	1/2	1/4
Tack Free:	12	5	4	3(hours)

The recoating time is specified in the application instructions.

RECOMMENDED DRY FILM THICKNESS PER COAT 35 ~ 50 Microns

THEORETICAL COVERAGE @50 MICRONS 145g./m²

When estimating working coverages allow for application lossessurface irregularitiesetc.

FLASH POINT Base : 17 (63°F)
 Hardener: 23 (73°F)

SHELF LIFE @20 1 Year

The above data indicates the average under normal conditions and may vary slightly depending on the conditions.

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EPONICS #310 DV UNDER COAT

APPLICATION INSTRUCTIONS

SURFACE PREPARATION	SSPC-SP10 (ISO-Sa2 $\frac{1}{2}$)			
MIXING RATIO	.....	Base 91.5 Parts to Hardener 8.5 Parts - by weight			
AGING TIME	.....	Let Stand Approx. 30 Minutes			
POT LIFE	.....	@5 (41°F) 30	@20 (68°F) 24	@30 (86°F) 20	@40 (104°F) 16(hours)
APPLICATION METHOD	.....	Brush, Airless Spray			
THINNER REQUIRED	.....	EPONICS THINNER B			
DILUTION RATIO	.....	<u>By Airless Spray</u> 0 ~ 5%			
RECOMMENDED FILM THICKNESS PER COAT	.....	Dry: 35 ~ 50 Microns Wet: 75 ~ 125 Microns			
AIRLESS SPRAYING CONDITIONS	.....	Air Pressure to Pump: 0.4MPa(4kg/cm ²) or more Pump Outlet Pressure: 10MPa(100kg/cm ²) or more Nozzle Tip No. : 163-617 ~ 719			
COATING INTERVALS	.....	@5 (41°F) Min.: 24 Max.: 14	@20 (68°F) 5 7	@30 (86°F) 4 7	@40 (104°F) 3(hours) 7(days)

NOTES

- 1.Remove completely all dirt, grease, oil, water or other contaminants from surface to be coated.
- 2.Mix Base and Hardener in accordance with the specified mixing ratio, then stir thoroughly until it is of uniform constituency prior to application. If the proportion is varied, neither cure nor expected properties may result.
- 3.Use up the mixed material within pot life.
- 4.Application in excess of the specified coating intervals may cause the lack of adhesive properties. Should be overcoated within the specified intervals. When it exceeds, rough the painted surface with sandpaper, then clean with rags.
- 5.For thinning, use EPONICS THINNER B only.

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