



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 Corrosion Resistance. • No Contamination to Petrochemical Products. • Very Good Water and Sea Water Resistance. 	NO./NAME: 1833 EPONICS #310 DV TOP COAT
	TYPE: Polyamide Amine Cured Epoxy Coating.
	SHIPPING WEIGHT: 14 ℓ Unit (11.2 ℓ . Base 2.8 ℓ . Hardener)

SPECIFICATION DATA

PACKAGE 2 Component

COLOR Blueish White, Beige

FINISH Egg Shell

SPECIFIC GRAVITY @20°C Mixed Material :1.30
Volatiles : 0.86

VISCOSITY @20°C 85 Krebs Units

SOLIDS CONTENT 70% - by weight

DRYING TIME	@5	@20	@30	@40
@150MICRONS	(41°F)	(68°F)	(86°F)	(104°F)
To Touch:	12	4	3	2
Tack Free:	48	18	15	15(hours)

The recoating time is specified in the application instructions.

RECOMMENDED DRY FILM THICKNESS PER COAT 100 ~ 150 Microns

THEORETICAL COVERAGE @150MICRONS 357g./m²

When estimating working coverages allow for application lossessurface irregularitiesetc.

FLASH POINT Base : 24 (75°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 TOP COAT

APPLICATION INSTRUCTIONS

SURFACE PREPARATION See Note 1.

MIXING RATIO Base 84.8 Parts to Hardener 15.2 Parts - by weight

AGING TIME Let Stand Approx. 30 Minutes

POT LIFE @5 @20 @30 @40
(41°F) (68°F) (86°F) (104°F)
15 8 6 4(hours)

APPLICATION METHOD Brush, Airless Spray

THINNER REQUIRED EPONICS THINNER B

DILUTION RATIO By Airless Spray
0 ~ 5%

RECOMMENDED FILM
THICKNESS PER COAT Dry: 100 ~ 150 Microns
Wet: 200 ~ 300 Microns

AIRLESS SPRAYING
CONDITIONS Air Pressure to Pump: 0.4MPa(4kg/cm²) or more
@150MICRONS Pump Outlet Pressure: 10MPa(100kg/cm²) or more
Nozzle Tip No. : 163-617 ~ 719

COATING INTERVALS @5 @20 @30 @40
(41°F) (68°F) (86°F) (104°F)
Min.: 48 24 20 20(hours)
Max.: 14 7 7 5(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.
- 6.Allow to dry at least 7 days at 20 (68°F) to resist water, rain or condensation.

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