



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 Adhesion to Both Undercoat and Topcoat. • Excellent Corrosion Resistance. 	NO./NAME: 1832 EPONICS #310 DV INTERMEDIATE COAT
	TYPE: Modified Polyamide Amine Cured Epoxy Coating.
	SHIPPING WEIGHT: 14 l Unit (12.6 l . Base 1.4 l . Hardener)

SPECIFICATION DATA

PACKAGE 2 Component

COLOR Buff

FINISH Flat

SPECIFIC GRAVITY @20°C Mixed Material : 1.27
Volatiles : 0.86

VISCOSITY @20°C 82 Krebs Units

SOLIDS CONTENT 63% - by weight

DRYING TIME	@5	@20	@30	@40
@70 MICRONS	(41°F)	(68°F)	(86°F)	(104°F)
To Touch:	4	3	2	1
Tack Free:	24	10	8	6(hours)

The recoating time is specified in the application instructions.

RECOMMENDED DRY FILM THICKNESS PER COAT 35 ~ 70 Microns

THEORETICAL COVERAGE @70 MICRONS 196g./m²

When estimating working coverages allow for application lossessurface irregularitiesetc.

FLASH POINT Base : 17 (63°F)
Hardener: 26 (79°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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DAI NIPPON TORYO. CO.,LTD.

EPONICS #310 DV INTERMEDIATE COAT

APPLICATION INSTRUCTIONS

SURFACE PREPARATION See Note 1.

MIXING RATIO Base 91 Parts to Hardener 9 Parts - by weight

AGING TIME Let Stand Approx. 30 Minutes

POT LIFE

@5	@20	@30	@40
(41°F)	(68°F)	(86°F)	(104°F)
30	24	20	16(hours)

APPLICATION METHOD Brush, Airless Spray

THINNER REQUIRED EPONICS THINNER B

DILUTION RATIO By Airless Spray
0 ~ 5%

RECOMMENDED FILM THICKNESS PER COAT Dry: 35 ~ 70 Microns
Wet: 75 ~ 150 Microns

AIRLESS SPRAYING CONDITIONS Air Pressure to Pump: 0.4MPa(4kg/cm²) or more
Pump Outlet Pressure: 10MPa(100kg/cm²) or more
Nozzle Tip No. : 163-517 ~ 619

COATING INTERVALS

	@5	@20	@30	@40
@70 MICRONS	(41°F)	(68°F)	(86°F)	(104°F)
Min.:	24	10	8	6(hours)
Max.:	14	7	7	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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