



Product Data Sheet

DAI NIPPON TORYO. CO., LTD.
 OSAKA OFFICE: 6-124,NISHIKUJYO,KONOHANA-KU,OSAKA 554 JAPAN
 TEL.No.06-6466-6626 FAX No.06-6468-1408



For more or latest information please consult DNT

Mar. 2005

FEATURES: <ul style="list-style-type: none"> • Superior Resistance to Chemicals (Acid, Alkali). • Excellent Water Resistance and Physical Properties. 	NO./NAME: 1 8 0 3 EPONICS #10 TOP COAT
	TYPE: Polyamide Amine Cured Epoxy Coating
	SHIPPING WEIGHT: 16kg. Unit (12.8kg. Base, 3.2kg. Hardener) 4kg. Unit (3.2kg. Base, 0.8kg. Hardener)

SPECIFICATION DATA

PACKAGE	2 Component				
COLOR	Full Range Colors				
FINISH	Gloss				
SPECIFIC GRAVITY @23	Mixed Material : 1.27				
	Volatiles : 0.85				
VISCOSITY @23	67 Seconds (Ford Cup #4)				
SOLIDS CONTENT	61 % - by weight				
DRYING TIME		@5 (41)	@20 (68)	@30 (86)	@40 (104)
	To Touch (hours)	3	1	1/2	1/3
	Tack Free (hours)	24	8	6	4
The recoating time is specified in the application instructions.					
RECOMMENDED DRY FILM THICKNESS PER COAT	30 Microns				
THEORETICAL COVERAGE @ 30 MICRONS	92 g./m ²				
	When estimating working coverages, allow for application losses, surface irregularities, etc.				
FLASH POINT	Base : 23 (73)				
	Hardener : 23 (73)				
SHELF LIFE @23	1 Year				

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

Continued on other side

Product Data Sheet

DAI NIPPON TORYO. CO.,LTD.

EPONICS #10 TOP COAT

APPLICATION INSTRUCTIONS

SURFACE PREPARATION	-				
MIXING RATIO	Base 80 Parts to Hardener 20 Parts – by weight				
AGING TIME	Let Stand Approx. 30 Minutes				
POT LIFE (hours)	@5 (41)	@20 (68)	@30 (86)	@40 (104)	
	48	24	12	4	
APPLICAION METHOD	Brush, Airless Spray, Spray				
THINNER REQUIRED	EPONICS THINNER A				
DILUTION RATIO	By Brush 0 ~ 5 %			By Airless Spray 5 ~ 10 %	
RECOMMENDED FILM THICKNESS PER COAT	Dry : 30 Microns Wet : 100 Microns			Dry : 30 Microns Wet : 100 Microns	
AIRLESS SPRAYING CONDITIONS	Air pressure to Pump : 0.4MPa (4kg/cm ²) or more Pump Outlet Pressure : 12MPa (120kg/cm ²) or more Nozzle Tip No. : 163-515 ~ 715				
COATING INTERVALS		@5 (41)	@20 (68)	@30 (86)	@40 (104)
	Min. (hours)	24	16	12	10
	Max. (days)	14	7	7	5

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 A only.
- 6.Clean all equipment immediately after use with EPONICS THINNER A. Once cured, the material is not dissolved in this thinner.

The technical data furnished herein are true and accurate to the best of our knowledge. However, no guarantee no accuracy is given or implied and we undertake no obligation or liability for technical data, instructions and advice given or the results obtained. All products are offered and are sold subject to DNT's Standard Condition of Sale. Published technical data and instructions are subject to change without prior notice.