

DNT

OSAKA OFFICE: 6-1-124. NISHIKUJO. KONOYAMA-KU. OSAKA 554-0012 JAPAN TEL. NO. 06-6466-6626

FAX. NO. 06-6468-1408

TOKYO OFFICE: 5-13-23. KAMATA. OHTA-KU. TOKYO 144-0052 JAPAN TEL. NO. 03-5710-4502

DAI NIPPON TORYO CO.,LTD.

## COMPOSITION & CHARACTERISTICS

Product Name : EPONICS #20 TOP COAT (White & Light Color)

Standard : Standard inside the firm

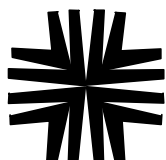
Composition :

(Base)	Tinting & Extender pigment	36.0
	Epoxy resin varnish	35.0
	Additive	2.5
	Solvent	11.5
	<b>Total</b>	<b>85.0</b>
(Hardener)	Modified aliphatic polyamine varnish	8.0
	Solvent	7.0
	<b>Total</b>	<b>15.0</b>
	<b>Sum Total</b>	<b>100.0 (wt. %)</b>

Note : The values of the composition are mean,  
so some allowable variation may occur.

Characteristics :

<u>Test items</u>	<u>Requirements</u>	<u>Average of observed values</u>
Condition in container	Good	Good
Miscibility	Good	Good
Fineness of grind (microns)	Within 50	45
Drying time (h)		
Tack free	Within 16(20°C)	Good
Working properties	Good	Good
Appearance of film	Good	Good
Pot life (h)	Over 5(20°C)	Good
Sagging resistance (200 $\mu$ m)	Good	Good
Hiding ratio	Over 0.90	Good
Impact resistance	Good	Good
Adhesive property (cross cut test)	Good	Good
Alkali resistance	Good	Good
Gasoline resistance	Good	Good
Solid content of mixed paint (wt.%)	Over 55	68
Detection of epoxy resin	Positive	Positive
Weathering resistance (2 years)	Good	Good



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DAI NIPPON TORYO CO.,LTD.

## COMPOSITION & CHARACTERISTICS

Product Name : EPONICS #20 TOP COAT (Medium Colors)

Standard : Standard inside the firm

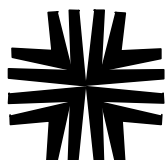
Composition :

(Base)	Tinting & Extender pigment	37.0
	Epoxy resin varnish	35.0
	Additive	2.5
	Solvent	10.5
	<b>Total</b>	<b>85.0</b>
(Hardener)	Modified aliphatic polyamine varnish	8.0
	Solvent	7.0
	<b>Total</b>	<b>15.0</b>
<b>Sum Total</b>		<b>100.0 (wt. %)</b>

Note : The values of the composition are mean,  
so some allowable variation may occur.

Characteristics :

<u>Test items</u>	<u>Requirements</u>	<u>Average of observed values</u>
Condition in container	Good	Good
Miscibility	Good	Good
Fineness of grind (microns)	Within 50	45
Drying time (h)		
Tack free	Within 16(20°C)	Good
Working properties	Good	Good
Appearance of film	Good	Good
Pot life (h)	Over 5(20°C)	Good
Sagging resistance (200 μ m)	Good	Good
Hiding ratio	Over 0.50	Good
Impact resistance	Good	Good
Adhesive property (cross cut test)	Good	Good
Alkali resistance	Good	Good
Gasoline resistance	Good	Good
Solid content of mixed paint (wt.%)	Over 55	68
Detection of epoxy resin	Positive	Positive
Weathering resistance (2 years)	Good	Good



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DAI NIPPON TORYO CO.,LTD.

## COMPOSITION & CHARACTERISTICS

Product Name : EPONICS #20 TOP COAT (Red & Yellow Deep Color)

Standard : Standard inside the firm

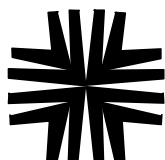
Composition :

(Base)	Tinting & Extender pigment	37.0
	Epoxy resin varnish	35.0
	Additive	2.5
	Solvent	10.5
	Total	85.0
(Hardener)	Modified aliphatic polyamine varnish	8.0
	Solvent	7.0
	Total	15.0
Sum Total		100.0 (wt. %)

Note : The values of the composition are mean,  
so some allowable variation may occur.

Characteristics :

<u>Test items</u>	<u>Requirements</u>	<u>Average of observed values</u>
Condition in container	Good	Good
Miscibility	Good	Good
Fineness of grind (microns)	Within 50	45
Drying time (h)		
Tack free	Within 16(20°C)	Good
Working properties	Good	Good
Appearance of film	Good	Good
Pot life (h)	Over 5(20°C)	Good
Sagging resistance (200 $\mu$ m)	Good	Good
Hiding ratio (Red & Yellow)	Over 0.50	Good
Impact resistance	Good	Good
Adhesive property (cross cut test)	Good	Good
Alkali resistance	Good	Good
Gasoline resistance	Good	Good
Solid content of mixed paint (wt.%)	Over 55	68
Detection of epoxy resin	Positive	Positive
Weathering resistance (2 years)	Good	Good



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DAI NIPPON TORYO CO.,LTD.

## COMPOSITION & CHARACTERISTICS

Product Name : EPONICS #20 TOP COAT (Other Deep Colors)

Standard : Standard inside the firm

Composition :

(Base)	Tinting & Extender pigment	38.0
	Epoxy resin varnish	35.0
	Additive	2.5
	Solvent	9.5
	<b>Total</b>	<b>85.0</b>
(Hardener)	Modified aliphatic polyamine varnish	8.0
	Solvent	7.0
	<b>Total</b>	<b>15.0</b>
<b>Sum Total</b>		<b>100.0 (wt. %)</b>

Note : The values of the composition are mean,  
so some allowable variation may occur.

Characteristics :

<u>Test items</u>	<u>Requirements</u>	<u>Average of observed values</u>
Condition in container	Good	Good
Miscibility	Good	Good
Fineness of grind (microns)	Within 50	45
Drying time (h)		
Tack free	Within 16(20°C)	Good
Working properties	Good	Good
Appearance of film	Good	Good
Pot life (h)	Over 5(20°C)	Good
Sagging resistance (200 $\mu$ m)	Good	Good
Hiding ratio	Over 0.80	Good
Impact resistance	Good	Good
Adhesive property (cross cut test)	Good	Good
Alkali resistance	Good	Good
Gasoline resistance	Good	Good
Solid content of mixed paint (wt.%)	Over 55	68
Detection of epoxy resin	Positive	Positive
Weathering resistance (2 years)	Good	Good