

Product Data Sheet

Intended Use

Beverage - 2 Pc Beverage - Varnish - External
For professional use only!



Chemical/Physical Characteristics

Technology	Water Based	
Polymer Type	Acrylate	
Dry Film Color	Clear	
Solid Content	40.5 ± 1.0%	6 minutes at 205 °C / 401 °F
Solid Content	40.5 ± 1.0%	15 minutes at 200 °C / 392 °F
Solid Content	40.5 ± 1.0%	30 minutes at 200 °C / 392 °F
Viscosity	80 ± 10 seconds	Ford 4 at 25 °C / 77 °F
Viscosity	45 ± 10 seconds	ISO 6 at 25 °C / 77 °F
Density	1.07 ± 0.02 g/cm ³	
VOC	0.24 (kg/liter less water)	

Storage Details

Storage Temperatures	Minimum 5 °C / 41 °F Maximum 35 °C / 95 °F Optimum 20 °C / 68 °F
Shelf Life (as supplied in original sealed containers)	9 Months at optimum

Viscosity change during storage is possible!
Avoid storage of coating containers in direct sunlight.
Do not freeze!
Stir container thoroughly before use.

Comments

Before using this product refer to the Health and Safety Data Sheet and the appropriate Application Data Sheet. Consult the supplier for datasheets for this product relating to other end-use sectors if appropriate.

For optical filmweight measuring devices use the following data:
Dry density: 1.18 kg/l
Refractive index: 750nm = 1.517; 1150nm = 1.513; 1350nm = 1.513; 1550nm = 1.513

Disclaimer

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Application Data Sheet

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Application Details

Application Method	Mandrel Coater
Coating Preparation	Stir Product Avoid introducing air into the product! Stir during application.
Application Coating Temp	27.5 ± 2.5 °C / 82 ± 4 °F
Substrate	Aluminum

Curing Details

Recommended Applied Film:

Rollcoat	4.0 + 1.0 /- 1.0 gsm - dry
Rollcoat	2.6 + 0.6 /- 0.6 MSI - dry
Rollcoat	90.0 + 15.0 /- 15.0 mg/can - dry 330 ml
Rollcoat	135.0 + 20.0 /- 20.0 mg/can - dry 500 ml

Recommended Cure:

Circulating Hot Air	11 + 2 /- 2 Seconds @ 190 °C PMT
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Oven air temperature must be set to achieve the specific PMT's where applicable. These values may vary due to capacity and efficiency of the oven.

Thinning and Cleaning

Thinner	Butyl Glycol, Dipropylene Glycol Methyl Ether
Equipment Cleaner	Butyl Glycol, Dipropylene Glycol Methyl Ether

Comments

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IBO curing conditions according to qualification.

Coating spillages should be cleaned up before coating has dried.

Storage vessels and equipment should be stainless steel or polymer coated.

Supplied ready for use

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