

EPS[®] 745

STARTING FORMULATION

FORMULA: ML-19-A

CLEAR TRANSPARENT VARNISH FOR EXTERIOR WOOD

<u>Weight %</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
71.00	EPS [®] 745	EPS	
0.50	Tego Foamex 822	Evonik Resource Efficiency GmbH	Add in order with good agitation.
0.80	Tego Airex 902 W	Evonik Resource Efficiency GmbH	
0.20	BYK 345	Byk Chemie	
0.15	AMP 90	Angus	Mix till homogeneous.
2.50	Deuteron MK	Deuteron	Add and mix till homogeneous
2.50	Texanol	Eastman	} Premix till homogeneous and add under stirring
15.50	Water	-	
1.00	Tinuvin 5151	BASF	
4.00	Aquacer 539	Byk Chemie	Add in order with good agitation
0.30	Tego Glide 482	Byk Chemie	
0.15	Mergal 721 K3	Troy	
0.40	Rheolate 278	Elementis	Add and mix till homogeneous.
0.60	Rheolate 288	Elementis	Adjust to the desired viscosity.
100.00			

Formulation Parameters

Weight Solids	[%]	37.20
VOC	[g/l]	< 50

Typical Properties

pH	[-]	8.0 - 9.0
Viscosity		4000 - 5000 mPa s
		(Brookfield Spindle 5, 20 rpm, 20C)
Gloss	[-]	15 - 18
		(60° angle)

Suggested Application Methods

Brush, Roller, Air-Spray