

EPS[®] 2420

Suggested Formulation

EPS[®] 2420 is a binder for interior and exterior wood applications such as multi-coat, enamels and varnishes with exceptional leveling properties and UV resistance. In-can transparency is a key feature of this product.

PROPERTIES

- Exceptional leveling
- Clear in-can
- Excellent block
- Exterior durability
- Medium hardness
- Good flexibility
- Good early water and water resistance
- Good stackability
- Low water uptake
- High transparency
- APE-free *

Specifications

Weight Solids	45.0 +/- 1.0%
Viscosity, 23 °C	< 500
pH	7.3 - 8.3

Typical Properties

Volume Solids	43.4 +/- 0.7%
Weight/Gallon	8.60 +/- 0.10 lbs.
MFFT	+5° C
Volatile(s)	Water, ammonia, propylene glycol (0.074%)

* Made without APE-containing surfactants

Questions? Call EPS Customer Service @ 1-800-654-4242 / Email: info@eps-materials.com

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TECHNICAL SUPPORT: These guidelines are offered to assist the paint formulator in achieving the high performance properties noted and are offered for illustration purposes only; the paint formulator bears sole responsibility for the performance of the final coating product.

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Suggested Formulation

Formula: WD-5 Semi-Gloss Exterior Pigmented Topcoat

Pounds	Gallons	Raw Material	Supplier	Instructions
618.14	71.88	EPS 2420	EPS	Add in order with good agitation
11.96	1.59	EB (Butyl Cellosolve)	Dow	
3.99	0.50	DB (Butyl Carbitol)	Dow	
81.75	9.81	Water	-	
1.00	0.13	Ammonium Hydroxide	-	
9.97	0.54	Acematt TS 100	Evonik	
49.85	5.98	Water		Pre-mix the following and add to letdown
7.48	0.85	Disperbyk 190	BYK	Disperse to desired fineness
2.49	0.29	Propylene Glycol	-	
1.74	0.22	AMP-95	Dow	
0.75	0.09	Foamex 810	Evonik	
186.94	5.61	Tronox CR-828	Huntsman	
4.99	0.60	Foamex 822	Evonik	
3.99	0.48	TEGO Airex 902 W	Evonik	
1.99	0.24	Siltech C-204	Siltech	
1.50	0.18	Water	-	Pre-mix the following and add to letdown
1.50	0.20	EB (Butyl Cellosolve)	Dow	Adjust to desired viscosity
6.98	0.80	Rheolate 288	Elementis	
997.00	100.01	TOTALS		

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Formulation Parameters

Weight Solids	48.5 %
Volume Solids	38.3 %
Pigment Volume Conc.	16.5
Calculated VOC Level	34 g/L
Weight/Gallon	10 lbs

Typical Properties

Viscosity (Brookfield Spindle 4, 20 rpm, 20C)	8,000-10,000 mPa S
pH	8.0-9.0
Color	White

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