

# EPS<sup>®</sup> 2420

## Suggested Formulation

EPS<sup>®</sup> 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



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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.

**SDS:** For details on health, safety and handling information, Safety Data Sheets (SDS) are available at [www.epscsa.com](http://www.epscsa.com).

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## Suggested Formulation

### Formula: WD-6 Glossy Wood Varnish

Pounds	Gallons	Raw Material	Supplier	Instructions
597.78	69.51	<b>EPS 2420</b>	<b>EPS</b>	Add in order with good agitation
3.42	0.41	Foamex 822	Evonik	
4.27	0.51	TEGO Airex 902 W	Evonik	
1.71	0.20	BYK 345	BYK	
0.85	0.11	Ammonium Hydroxide	-	
12.81	1.62	Texanol	Eastman	
6.83	0.75	Tinuvin 5151	BASF	
215.20	25.83	Water	-	
1.71	0.20	TEGO Glide 492	Evonik	
0.85	0.09	Mergal K12N	Troy	
3.42	0.39	Rheolate 278	Elementis	Adjust to desired viscosity
3.42	0.39	Rheolate 288	Elementis	Adjust to desired viscosity
<b>852.26</b>	<b>100.02</b>	<b>TOTALS</b>		

### Formulation Parameters

Weight Solids	33.1 %
Volume Solids	31.6 %
Pigment Volume Conc.	0.0
Calculated VOC Level	60 g/L
Weight/Gallon	8.5 lbs

### Typical Properties

pH	8.0-9.0
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