

# 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

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

7/14/2020

**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).

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. EPS assumes no obligation or liability for use of this information. UNLESS EPS AGREES OTHERWISE IN WRITING, EPS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR FREEDOM FROM PATENT INFRINGEMENT. EPS WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. Unless otherwise agreed in writing, all sales of EPS products are governed by the EPS Terms and Conditions of Sale, available at <https://www.epscsa.com/galleries/pdfs/salesterms.pdf>.

## 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
----	---------

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

7/14/2020

**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.epscca.com](http://www.epscca.com).

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. EPS assumes no obligation or liability for use of this information. UNLESS EPS AGREES OTHERWISE IN WRITING, EPS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR FREEDOM FROM PATENT INFRINGEMENT. EPS WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. Unless otherwise agreed in writing, all sales of EPS products are governed by the EPS Terms and Conditions of Sale, available at <https://www.epscca.com/galleries/pdfs/salesterms.pdf>.