

# EPS<sup>®</sup> 2454

## Suggested Formulation

EPS<sup>®</sup> 2454 is used as the principal vehicle for primers and self-sealers when high clarity, excellent penetration, and minimal grain raising is a must. The product has been specifically developed for oak to avoid undesired discoloration.

### PROPERTIES

- Very good mechanical properties
- Good chemical resistance
- Outstanding transparency and wood wetting (grain accentuation)
- Good block resistance
- Low solvent demand
- High build (high solids)
- APE-free \*

#### Specifications

Weight Solids	45.0 +/- 1.0%
Viscosity, 23 °C [mPa·s]	< 500
pH	6.5 - 7.5

#### Typical Properties

Volume Solids	42.3 +/- 0.7%
Weight/Gallon	8.80 +/- 0.10 lbs.
MFFT	+ 28°C
Volatile(s)	Water, DMEA, 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).

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## Suggested Formulation

### Formula: WD-3 Clear Sealer/Basecoat

Pounds	Gallons	Raw Material	Supplier	Instructions
648.00	73.64	<b>EPS 2454</b>	<b>EPS</b>	Add in order with good agitation
34.56	4.60	EB (Butyl Cellosolve)	Dow	
6.91	0.91	DPnB (Butyl Dipropasol)	Lyondell	
146.02	17.53	Water	-	
8.64	0.94	Zinc Stearate	-	
0.43	0.05	Foamex 810	Evonik	Pre-mix the following and add to letdown
3.89	0.42	Ethylene Glycol	-	
6.91	0.83	Foamex 822	Evonik	
2.59	0.30	TEGO Wet KL 245	Evonik	
0.86	0.12	Ammonium Hydroxide	-	
0.86	0.09	Mergal K12N	Troy	
0.78	0.09	Water	-	Pre-mix the following and add to letdown Adjust to desired viscosity
0.78	0.10	EB (Butyl Cellosolve)	Dow	
3.63	0.41	Tafigel PUR 60	Munzing	
<b>864.86</b>	<b>100.03</b>	<b>TOTALS</b>		

### Formulation Parameters

Weight Solids	35.4 %
Volume Solids	32.8 %
Pigment Volume Conc.	2.9
Calculated VOC Level	158g/L
Weight/Gallon	8.7 lbs

### Typical Properties

Viscosity (Ford Cup 4)	50-60 (s)
pH	7.5-8.5

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