

EPS[®] 2454

Suggested Formulation

EPS[®] 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

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.

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-4 Clear Transparent Basecoat

Pounds	Gallons	Raw Material	Supplier	Instructions
739.16	84.00	EPS 2454	EPS	Add in order with good agitation
26.09	3.47	EB (Butyl Cellosolve)	Dow	
8.70	1.10	DB (Butyl Carbitol)	Dow	
83.48	10.02	Water	-	
3.48	0.40	Byk 024	BYK	
3.48	0.42	Siltech C-204	Siltech	
0.87	0.12	Ammonium Hydroxide	-	
0.87	0.10	Mergal K12N	Troy	
3.48	0.38	Acrysol RM-2020	Dow	Adjust to desired viscosity
869.60	100.01	TOTALS		

Formulation Parameters

Weight Solids	38.9 %
Volume Solids	36.2 %
Pigment Volume Conc.	0
Calculated VOC Level	107 g/L
Weight/Gallon	8.7 lbs

Typical Properties

Viscosity (Ford Cup 4)	10-15 (s)
pH	6.5-7.0

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

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>.