

EPS[®] 2436

EPS[®] 2436 is a self-crosslinking all-acrylic dispersion used as a binder for high-quality wood coatings.

PROPERTIES

- Exceptional transparency and wood wetting (grain accentuation)
- Excellent chemical resistance
- Excellent mechanical properties
- Good block resistance and hardness development
- Good hardness/flexibility ratio
- Made without APEO surfactants

Specifications

Weight Solids	38.0 ± 1 %
Viscosity, 23 °C [mPa·s] (Brookfield, Spindle 2)	< 500
pH	7.5 – 9.0

Typical Properties

Tg	37° C
Density @ 20 °C [kg/m ³]	1060
Co-solvent [Butyl Glycol]	< 3 %

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

3/25/2022

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.

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>.

Suggested Formulation

White Interior Topcoat

Formulation

Pounds	Gallons	Raw Material	Supplier	Instructions
230.83	26.53	EPS® 2436	EPS	
2.31	0.31	Ammonium Hydroxide (28%)	Any	
20.31	2.30	Disperbyk 190	BYK	
0.92	0.11	Byk 093	BYK	
5.54	0.30	AceMatt TS-100	Evonik	Disperse items to
201.28	5.89	TI-Pure R-706	Chemours	6+ N.S.
406.26	46.70	EPS 2436	EPS	
30.53	4.06	EB (Butyl Cellosolve)	Lyondell	Premix water
7.63	1.01	DPnB (Butyl Dipropasol)	Lyondell	and
64.63	7.76	Water	Deionized	cosolvents.
7.39	0.90	Aquacer 539 Wax	BYK	
1.85	0.21	Propylene Glycol	Lyondell	
0.46	0.05	Byk 093	BYK	
4.62	0.54	BYK-378	BYK	
0.92	0.10	Proxel AQ	Lonza	
5.54	0.60	Acrysol RM-8W	Dow	
3.69	0.40	Acrysol RM-2020NPR	Dow	
18.47	2.22	Water	Deionized	
1013.18	100.00	TOTALS		

Formulation Parameters

Weight Solids:	46.16%
Volume Solids:	33.86%
PVC:	19.47
VOC Content:	116 g/L
Weight/Gallon:	10.13 lbs/gal

Typical Properties

Viscosity:	35-40s #2 Zahn
pH:	8-9
Color:	White

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

3/25/2022

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>.