

EPS® 2540

Styrenated Acrylic Emulsion

MARKET SEGMENT: INDUSTRIAL METAL

COMMON APPLICATIONS: PRIMER, TOPCOAT

EPS® 2540 offers exceptional corrosion resistance without the use of anticorrosive pigments and additives. This resin provides paint formulators with a waterborne alternative to alkyd resins, which can be used for maintenance coatings and general product finishes on ferrous and non-ferrous metal, wood, and plastic substrates.

FORMULA: EPS® 2540 WHT ST2 - High Gloss White Railcar Enamel

Pounds	Gallons	Raw Material	Supplier	Instructions
40.0	4.80	Water		Add in order with good agitation
12.0	1.36	Disperse Ayd W-22	Elementis	
3.0	0.41	Surfynol 104A	Evonik	
5.0	0.67	Ammonium Hydroxide		
4.0	0.46	BYK 024	BYK	
217.3	6.23	TiONA 596	Cristal	Add under agitation; disperse to 7+Hegman.
570.0	65.52	EPS 2540	EPS	Letdown in order with agitation.
32.8	3.94	Water		
2.0	0.27	Ammonium Hydroxide		
1.5	0.16	Nuosept 95	Arxada	Add grind at this point.
41.7	5.01	Water		Premix next 3 items, then add DPnB. Mix well & add with good agitation.
10.0	1.20	4% Sodium Nitrite		
4.8	0.54	Rheolate 1	Elementis	
71.3	9.32	DPnB	Lyondell	
0.5	0.06	Tafigel PUR-60	Munzing	Premix and add to adjust viscosity.
0.5	0.06	DPM		
1016.4	100.01	Totals		

Formulation Properties	
Weight Solids	50.63%
Volume Solids	39.01%
Pigment Weight	
Pigment Volume Conc.	16.53%

Typical Properties	
Viscosity	85-95 KU
pH	8.5-9.0
Color	White

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

7/30/2024

SDS: For details on health, safety and handling information, Safety Data Sheets (SDS) are available at www.epsgca.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.epsgca.com/galleries/pdfs/salesterms.pdf>.

VOC Level	1.52 g/L
Weight/Gallon	10.16 lb/gal

Suggested Application Methods: Spray, Brush, Roll