

# 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 ROX SP1- 40 PVC Red Oxide Spray Primer

Pounds	Gallons	Raw Material	Supplier	Instructions
90.0	10.80	Water		Add in order with agitation
18.5	2.10	Disperse Ayd W-22	Elementis	
3.0	0.41	Surfynol 104A	Evonik	
1.0	0.13	AMP-95	Angus	
1.5	0.17	BYK 024	BYK	
95.0	2.56	Kroma Red Iron Oxide RO-6097	Elementis	Add with agitation; disperse to 5+H.
210.0	9.06	Atomite	Imerys	
25.0	1.00	SZP-391	Halox	
15.0	1.00	Shieldex AC-5	Grace	
375.0	43.10	EPS 2540	EPS	Let down in order with agitation.
50.0	6.00	Water		
1.5	0.16	Nuosept 95	Arxada	
0.5	0.06	BYK 024	BYK	Add grind at this point Premix next 3 items, then add DPnB and platicizer. Mix well and add with agitation.
50.0	6.00	Water		
10.0	1.20	4% Sodium Nitrite	Elementis	
4.0	0.45	Rheolate 1	Lyondell	
34.0	4.44	DPnB	Ferro	
17.0	1.82	Santicizer 160		
77.4	9.29	Water		Premix and use to adjust viscosity.
1.0	0.12	Water		
1.0	0.11	Acrysol RM-825	Dow	
<b>1080.4</b>	<b>100.0</b>	<b>Totals</b>		

#### Formulation Properties

**Weight Solids** 52.11%

#### Typical Properties

**Viscosity** 80-85 KU

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

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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>.

<b>Volume Solids</b>	37.57%
<b>Pigment Weight</b>	
<b>Pigment Volume Conc.</b>	39.69%
<b>VOC Level</b>	106 g/L
<b>Weight/Gallon</b>	0.88 lb/gal

<b>pH</b>	8.0-9.0
<b>Color</b>	

## Suggested Application Methods: Spray, Brush