

# 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 BLK ST1- High Gloss Black Spray Enamel

Pounds	Gallons	Raw Material	Supplier	Instructions
20.0	2.4	Water		Add with agitation
0.5	0.06	AMP-95	Angus	
4.0	0.45	Disperse-Ayd W-22	Elementis	
2.0	0.28	Surfynol 104A	Evonik	
2.0	0.24	Dow Corning 65	Dow Corning	
20.0	1.33		Columbian	Add with agitation, and sandmill to 7+H.
		Raven 850 Black		
640.0	73.56	EPS 2540	EPS	Let down in order
22.5	2.70	Water		
2.0	0.27	Ammonium Hydroxide		Add grind at this point
				Premix next 3 items, then add solvent and plasticizer. Mix well and add with good agitation.
70.0	8.40	Water		
10.0	1.20	4% Sodium Nitrite		
3.0	0.34	Rheolate 1	Elementis	
51.2	6.91	Hexyl Cellosolve (EH)	Dow	
12.8	1.37	Santicizer 160	Ferro	
2.0	0.23	Acrysol RM-825	Dow	Premix and use to adjust viscosity.
2.0	0.24	Water		
<b>864.0</b>	<b>99.99</b>	<b>Totals</b>		

Formulation Properties	
Weight Solids	41.61 %
Volume Solids	38.75 %
Pigment Weight	
Pigment Volume Conc.	3.64%

Typical Properties	
Viscosity	60-70 KU
pH	8.5-9.0
Color	

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.epsgca.com](http://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	141 g/L
Weight/Gallon	8.64 lb/gal

## Suggested Application Methods: Airless Spray