

EPS[®] 2585

All-Acrylic Emulsion

MARKET SEGMENT: INDUSTRIAL METAL

COMMON APPLICATIONS: PRIMER, TOPCOAT

EPS[®] 2585 is a high-solids acrylic emulsion for <100g/L VOC direct-to-metal (DTM) applications. Typical performance of EPS[®] 2585 includes hardness, flexibility, and corrosion resistance. This polymer can be used for exterior applications as it offers gloss retention and adhesion to multiple substrates.

FORMULA: White High Gloss Enamel: EPS 2585 WHT SP-1 (02/23)

Pounds	Gallons	Raw Material	Supplier	Instructions
60.22	7.23	Water		Add in order under agitation
2.01	0.20	Tamol 1124	Dow	
4.01	0.55	Surfynol 104A	Evonik	
3.51	0.40	BYK 028	BYK	
2.01	0.27	28 % Ammonium hydroxide		
190.71	5.58	Ti-Pure R-706	Chemours	
262.47	14.23	Grind Total		Grind to a 7 Hegman
602.23	70.03	EPS 2585	EPS	Add grind to latex slowly with good agitation
60.22	7.23	Water		
31.32	4.13	DPnB		
5.05	0.58	EPS 9147	EPS	
2.51	0.28	Proxel AQ	Lonza	
14.55	1.74	Sodium Nitrite 4%		
12.04	1.45	Water		
3.03	0.33	Acrysol RM-8W	Dow	Adjust viscosity as needed
993.43	100.00	Totals		

Formulation Properties	
Weight Solids	50.82%
Volume Solids	40.92%
Pigment Weight	14%
Pigment Volume Conc.	0.63
VOC Level	89 g/L
Weight/Gallon	9.93 lbs/gal

Typical Properties	
Viscosity	95 – 100 KU
pH	9.0 – 9.5
Color	White

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

7/23/2024

SDS: For details on health, safety and handling information, Safety Data Sheets (SDS) are available at www.epsgca.com.

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