

## EPS® 2559

### Versatile styrenated acrylic emulsion

EPS® 2559 is a styrenated acrylic emulsion with excellent early water and humidity resistance that offers cross market versatility. Its early hydrophobic properties make it an excellent choice for high performance waterproofing paints on cementitious substrates and for use in tile mastics. Due to these properties and the excellent adhesion to a variety of ferrous and non-ferrous substrates (HIPS, ABS), EPS® 2559 is also an excellent cost-effective choice for both DTM primers and topcoats. It can be formulated with a variety of co-solvents to provide an optimum balance of application and drying properties.

### PROPERTIES

- Excellent early water and humidity resistance
- High gloss and good corrosion resistance
- Excellent adhesion to concrete and masonry substrates
- Passes ASTM D 7088-04: Resistance to hydrostatic pressure for coatings used in below grade applications applied to masonry
- Compatible with water reducible alkyds
- No APEO containing raw materials

#### Specifications

Weight Solids	50.0 +/- 0 .7%
Weight/Gallon	8.7 +/- 0.1
pH	7.0 - 8.0

#### Typical Properties

Volume Solids	47.8 +/- 0 .7%
MFFT	44° C
Volatile(s)	Water (49.77%) Ammonia (0.23%)

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

12/2/2020

**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](http://www.epscca.com).

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## Suggested Formulation

### Formula: EPS 2559 WHT ST1 (03/16) White High Gloss Spray Enamel

Pounds	Gallons	Raw Material	Supplier	Instructions
69.75	8.37	Water		
11.46	1.26	Tamol 681	Dow	Add in order with good agitation
3.99	0.55	Surfynol 104A	Air Products	
5.98	0.72	BYK 022	BYK	
1.0	0.13	AMP-95	Angus	
199.28	5.84	TriPure R-706	Chemours	Grind at high speed to 6+ Hegman
520.14	59.79	<b>EPS 2559</b>	<b>EPS</b>	Letdown in order with good agitation
1.99	0.27	28% Ammonium Hydroxide		
115.18	13.83	Water		Premix and add with agitation
9.96	1.19	4% Sodium Nitrite Solution		
52.01	6.86	DPnB	Dow	
9.96	1.09	Acrysol RM-2020NPR	Dow	
1.00	0.11	Acrysol RM-8W	Dow	
<b>1001.70</b>	<b>100.00</b>	<b>TOTALS</b>		

#### Formulation Parameters

Weight Solids	47.30%
Volume Solids	36.11%
Pigment Volume Conc.	16.90%
Pigment/Binder	0.77
VOC Level	157 g/L 1.31 lb/gal
Weight/Gallon	10.02 lb/gal

#### Typical Properties

Viscosity	70 – 80 KU
pH	8.0-9.0
Gloss at 60° (@ 1.15 mils)	85°

Suggested Application Method:  
**Spray (Conventional, Airless, or Air-Assist)**

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