

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

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.

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.epscca.com/galleries/pdfs/salesterms.pdf>.

Suggested Formulation

Formula: EPS 2559 BLK SG1 (03/16) Semi-Gloss Black Dip

Pounds	Gallons	Raw Material	Supplier	Instructions
450.0	51.72	EPS 2559	EPS	Add in order with good agitation – mix 5 min
40.0	3.92	NovoColor IP 8594 Black	CCA	
278.2	33.39	Water		Add separately with good agitation
10.0	1.20	4% Sodium Nitrite Solution		
56.3	7.50	Butyl Cellosolve (EB)	Dow	
3.0	0.40	Ammonium Hydroxide		
4.0	0.48	BYK 346	BYK	
3.0	0.39	Drewplus L-475	Ashland	
4.0	0.45	Rheolate 1	Elementis	
10.0	0.55	Fuji Sylysia 350	Fuji	Add with agitation - mix 30 min.
858.5	100.00	TOTALS		

Formulation Parameters

Weight Solids	30.53%
Volume Solids	27.70%
Pigment Volume Conc.	5.97%
Pigment/Binder	0.11
VOC Level	192 g/L 1.60 lb/gal
Weight/Gallon	8.58 lb/gal

Typical Properties

Viscosity (#3 Zahn Cup)	18 – 22 Sec
pH	8.0-9.0
Gloss at 60° (@ 1.15 mils)	28°

Suggested Application Method:

Dip, Spray

Questions? Call EPS Customer Service @ 1-800-654-4242 / Email: 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.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>.