

EPS[®] 7725

DATA SHEET

SOLUTION ACRYLIC RESIN

Description

EPS 7725 is a solution acrylic resin that can be easily formulated with a variety of solvents for concrete cure and seal applications. When properly formulated to 25% solids, EPS 7725 meets the requirements of ASTM C-1315, Type I, Class C.

- ✓ Excellent Water Resistance
- ✓ High Gloss
- ✓ Excellent water retention properties

Specifications

Weight Solids: 50.0 ± 0.7%

Weight/Gallon: 7.95 ± 0.10

Viscosity: Z – Z 2½

Color: 1 max

Typical Properties

Volume Solids: 45.2 ± 0.7%

Oil Type: None

Solvent: Aromatic 100 (50%)

Acid Value: N/A

Suggested Formulations

EPS 7725 CS1 - C-1315 Cure and Seal Spray

05-09-2014

Questions? Call EPS Technical Service @ 1-800-601-8111

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SUGGESTED FORMULATION

FORMULA: EPS 7725 CS1

C-1315 CURE AND SEAL SPRAY FORMULA

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
375.0	47.17	EPS 7725	EPS	Add with good agitation.
<u>375.0</u>	<u>51.72</u>	Aromatic 100		
750.0	98.89	Totals		

Formulation Parameters

Typical Paint Properties

Weight Solids	25.00%	Viscosity	140 cps.
Volume Solids	21.56%	Dry Through Time (78°F, 40% RH)	92 minutes
Pigment Weight	0.00%	Dry Through Time (40°F, 80% RH)	205 minutes
Pigment Volume Conc.	0.00	Water Retention (ASTM C-1315)	Pass
Weight/Gallon	7.58	Sward Rocker Hardness (ASTM D-2134)	47
VOC Level	682 g/l	Pencil Hardness (ASTM D-3363)	B

Chemical Resistance

7 Day ambient cure, 4 hour spot test

Ratings: 5 (no effect) to 1 (fail)

Gasoline:	1	Diesel Fuel:	1
Sulfuric acid (10%):	5	Hydrochloric acid (10%):	5
Sodium hydroxide (10%):	5	Salt water (5%):	5
Vinegar:	5	Vegetable oil:	5
409 cleaner:	5	Bleach:	5
Anti-Freeze (50:50 water):	5	Ethanol (50%):	5
Hydraulic fluid:	5	Power steering fluid:	5
Motor oil:	5	Brake fluid:	1
Paint thinner:	3		

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