

TECHNICAL DATA SHEET

EPS® 2540

Styrenated acrylic emulsion

MARKET SEGMENTS

Industrial Metal, Industrial OEM

DESCRIPTION

EPS® 2540 offers exceptional corrosion resistance without the use of anticorrosive pigments and additives. This resin provide 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.

PROPERTIES

- 50% solids
- Excellent gloss development and retention
- Excellent adhesion to ferrous and non-ferrous metal substrates
- Excellent early water resistance and broad solvent compatibility
- Allow formulators to use typical hydrophilic solvents (EB, DB), and hydrophobic solvents (DPnB, Texanol) for superior performance
- Unique application properties: Ample set-to-touch (STT) dry time while maintaining short tack-free (TF) dry time. Ideal for spraying larger objects.

COMMON APPLICATIONS

Primer, Topcoat

Specifications

Weight Solids	50.0 ± 0.7%
Weight/Gallon	8.70 ± 0.10
pH	7.5 – 8.5

Typical Properties

Volume Solids	47.8 ± 0.7%
MFFT	57° C
Volatile(s)	Water

Suggested Coalescing Solvent(s)

(% Solvent on Binder Solids – Pass 40°F LTC Test)

DPnB, Texanol	25%
EB, DB	35%
PnB	30%

Suggested Formulations

EPS 2540 WHT ST2 - High Gloss White Railcar Enamel
EPS 2540 ROX SP1 - Red Oxide Spray Primer
EPS 2540 BLK ST1 - High Gloss Black Spray Enamel

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

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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.

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