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EPS[®] 540



Description

EPS® 540 is a styrenated acrylic emulsion offering outstanding corrosion resistance, adhesion, early water resistance and high gloss development / gloss retention. EPS® 540 provides paint formulators a low VOC waterborne alternative to alkyd maintenance vehicles and general product finishes on ferrous and non-ferrous metal, wood and plastic substrates.

Properties

- ✓ Good corrosion resistance, with or without the use of corrosion resistant pigments / additives.
- ✓ Good gloss development / gloss retention.
- ✓ Good early water resistance.
- ✓ Good adhesion to ferrous and non-ferrous metal substrates.
- ✓ Broad solvent compatibility: EPS® 540 allows the formulator the ability to use typical hydrophilic solvents (butylglycol, butyldiglycol), as well as hydrophobic solvents (DPnB, Texanol), for superior performance.

Physical data		Suggested Coalesing Solvent(s) (% Solvent on Binder Solids)	
Solids by weight [%]:	50 ± 1	DPnB / Texanol [%]:	25
Viscosity@ 23 °C [mPa.s]:	< 500	EB, DB [%]:	35
(Brookfield, Spindle 2)		PnB [%]:	30
рН [-]:	7.5 – 8.5		

Typical values

MFFT [°C]:	± 57

Storage

EPS® 540 should be stored in a closed container at a dry place at storage temperatures between 5 °C and 30 °C.

Stability

Under the above mentioned storage condition the stability will be 6 months ex works.

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 Europe (DYFLEX BV) assumes no obligation or liability for use of this information. Date of issue: January 2015