

# EPS® 540

## DATA SHEET

### 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

Solids by weight [%]:	50 ± 1
Viscosity@ 23 °C [mPa.s]: (Brookfield, Spindle 2)	< 500
pH [-]:	7.5 – 8.5

### Suggested Coalescing Solvent(s)

(% Solvent on Binder Solids)

DPnB / Texanol [%]:	25
EB, DB [%]:	35
PnB [%]:	30

### Typical values

MFFT [°C]:	± 57
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### 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.