

# SOLSPERSE™ W100

A 40% active APE-free polymeric dispersant in water

PERFORMANCE COATINGS

## PRODUCT DESCRIPTION

SOLSPERSE W100 is a 40% active APE-free polymeric dispersant in water, which will improve dispersion and stability in aqueous coatings and colourants

## FEATURES/BENEFITS

In coating and colourant applications, the following benefits are achieved:

- Highly pigmented resin free and resin minimal dispersions
- Effective on a wide range of particles including organic pigments, inorganic pigments & fillers and carbon black.
- Lower dosage requirement compared to similar dispersants
- Excellent viscosity reduction and particle size stability
- Superior gloss / reduced haze
- Improved flocculation, flood & float resistance
- Broad resin compatibility

## PHYSICAL CHARACTERISTICS\*

Appearance	Pale yellow to amber liquid
Boiling point (°C)	100 (based on solvent)
Freezing point (°C)	0 (based on solvent)
Density (g/cm <sup>3</sup> )	1.07
Gardner Colour	9 max

\* Property values represent typical results only and are not to be considered specifications.

## TYPICAL APPLICATIONS

- Water based paints and coatings
- Water based pigment concentrates

SOLSPERSE W100 should be thoroughly blended with the millbase water and resin mixture before the addition of pigments.

Addition levels should be based on the surface area of the pigment / filler. The dosage level is typically 1.66 mg active dispersant per square metre of pigment surface area. This is simply the surface area divided by 6. A ladder series based around this theoretical dose is recommended to optimize performance.

## SHELF LIFE/STORAGE

- SOLSPERSE W100 is packed in 20 kg plastic pails and 200 kg plastic drums.
- RRD: 2 years.
- For storage, please refer to the SDS.

## REGULATORY STATUS

- Please see the product's current safety data sheet, SDS, for regulatory information. You can request a SDS at [www.lubrizolcoatings.com](http://www.lubrizolcoatings.com).
- For technical information please visit [www.solsperse.com](http://www.solsperse.com)

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