

SOLSPERSE™ WV400

A 40% active APE-free polymeric dispersant in water

PERFORMANCE COATINGS

PRODUCT DESCRIPTION

SOLSPERSE WV400 is a 40% active APE-free polymeric dispersant in water, which will improve dispersion and stability in aqueous coatings and colorants.

FEATURES/BENEFITS

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

- Highly pigmented resin-free pigment dispersions
- Excellent viscosity and particle size stability
- Superior gloss, reduced haze
- Improved flocculation, flood & float resistance
- Improvements in rate of colour strength development
- Excellent early water resistance

Compatibility with a wide range of water based and water reducible binders including:

- acrylic
- epoxy
- polyurethane
- alkyd

Effective across a wide range of pigments and particles:

- organic
- inorganic
- carbon black
- metallic / special effect

PHYSICAL CHARACTERISTICS*

Appearance	Yellow to amber liquid
Boiling point (°C)	100
Freezing point (°C)	0
Density (g/cm ³)	1.08
Gardner Colour	8 max

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

TYPICAL APPLICATIONS

- Water-based paints & coatings (automotive base coat, refinish & high performance industrial)
- Water-based pigment concentrates

SOLSPERSE WV400 should be thoroughly blended with the millbase water before the addition of pigments.

Addition levels should be based on the surface area of the pigment / particle. The dosage level is typically 2.5 mg active dispersant per square metre of pigment surface area. This is simply the surface area divided by 4.

RECOMMENDED RETEST DATE (RRD) / STORAGE

SOLSPERSE WV400 is packed in 18 Kg plastic pails and 204 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.

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