

Solsperse™ W100

A 40% active APE-free polymeric dispersant in water

Solsperse™ W100 is a 40% active APE-free polymeric dispersant in water which will improve pigment dispersion and stability in aqueous coatings and colorants.

FEATURES AND BENEFITS

- Color Development
- Dispersant Efficiency
- Fast Wetting
- High Color Strength
- High Pigment Loading
- Improved Coloristic Properties
- Low Viscosity
- Milling Efficiency
- Particle Size Reduction
- Water Based

CHARACTERISTICS

Characteristic Name	Value
Appearance	Pale yellow to amber liquid
Density (g/ml)	1.07
Freeze/Thaw Stability	Protect from freezing. If product is frozen, allow to return to room temperature, warming if required, and stir well before use.
Freezing Point (°C)	0
Gardner Colour	9 max
Incorporation Recommendations	Solsperse W100 should be thoroughly blended with the millbase resin / water before the addition of pigments.
pH Value (as supplied)	Approx. 4.5
Solvent Boiling Point (°C)	100
Storage & Handling	Protect from freezing. Storage below 35°C/95°F recommended.
Usage Guidelines	Addition level should be based on the surface area of the pigment / filler. The dosage is typically 1.66 mg per square meter of pigment surface area. This is simply the BET surface area divided by 6. See Solsperse Dosage Guide for more details.

REGULATORY

- EU 10/2011
- FDA
- Nestle Guidance | Note: Packaging Inks
- Swiss Ordinance (Annex 10 to the Ordinance)

APPLICATIONS

- Building & Construction Coatings
- Industrial OEM Coatings
- Protective Coatings
- Transportation Coatings
- Analog Printing Inks
- Digital Printing Inks
- Particle Dispersions

AVAILABLE REGIONS

- Latin America
- North America

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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