

**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

- Asia Pacific
- EMEA
- Latin America
- North America

## RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 730 days. See SDS for storage conditions and handling instructions.

## 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](http://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:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

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