

**Solsperse™ W320**

A 40% active APE-free polymeric dispersant in water

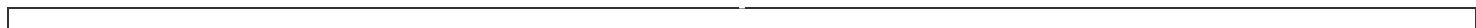
Solsperse™ W320 is a 40% active polymeric hyperdispersant designed for rapid wetting, dispersion and stabilization of transparent iron oxide used in automotive coatings and wood finishes. Solsperse W320 is also expected to be effective across a wide range of inorganic pigments, including TiO<sub>2</sub>. It provides outstanding transparency, high pigment loadings and excellent stability, especially when used in binder-free dispersions. Coatings formulated with Solsperse W320 deliver very high-performance properties in both 2K and 1k water-based finishes.

**FEATURES AND BENEFITS**

- Color Development
- Fast Wetting
- High Color Strength
- High Pigment Loading
- High Transparency
- 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)	1.05
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	max 9
Incorporation Recommendations	Solsperse W320 should be thoroughly blended with the millbase resin / water, and pH adjusted to 8.0 - 8.5 before the addition of pigments.
pH Value (10% in Water)	Approx. 3
Solvent Boiling Point (°C)	100
Usage Guidelines	Addition level should be based on the surface area of the pigment / filler. The dosage is typically 2 mg per square meter of pigment surface area. This is simply the BET surface area divided by 5. See Solsperse Dosage Guide for more details.



## REGULATORY

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

## APPLICATIONS

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

## AVAILABLE REGIONS

- Asia Pacific
- EMEA

## 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:

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