

SOLSPERSE™ W320

A 40% active APE-free polymeric dispersant in water

PRODUCT DESCRIPTION

SOLSPERSE™ W320 is a 40% active APE-free polymeric dispersant in water, which will improve dispersion and stability of transparent inorganic pigments and titanium dioxides in aqueous coatings and colorants.

FEATURES/BENEFITS

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

- Improved rate of transparency development
- Excellent viscosity reduction and particle size stability
- Highly pigmented resin free and resin minimal dispersions
- Improved flocculation, flood & float resistance
- Effective on a wide range of particles including, transparent inorganic pigments, titanium dioxide and fillers.
- Broad resin compatibility

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

- Acrylic
- Epoxy
- Polyurethane
- Alkyd

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 ³)	1.05
Gardner Colour	Max 9
pH	Approx. 3

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

TYPICAL APPLICATIONS

- Automotive Coatings
- Wood Coatings
- Industrial Coatings
- Water based pigment concentrates

SOLSPERSE™ W320 should be thoroughly blended with the millbase water and resin mixture before the addition of pigments or fillers. Due to the high functionality of the anchor segment, pigment concentrates formulated using SOLSPERSE™ W320 are recommended to be pH adjusted to (pH: 8.0-8.5) prior to pigment addition. pH adjustment will ensure outstanding transparency and stability are retained in the let-down stage.

RECOMMENDED RETEST DATE (RRD) / STORAGE

RRD: 2 years.

For storage, please refer to the SDS.

SOLSPERSE™ W320 is packed in 20 kg plastic pails and 200 kg plastic drums.

REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request a SDS at www.lubrizolcoatings.com.

For technical information please visit www.solsperse.com

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