

Solsperse™ 85000

100% active polymeric dispersant

PERFORMANCE COATINGS

PRODUCT DESCRIPTION

Solsperse™ 85000 is a 100% active polymeric dispersant primarily recommended for the dispersion and stability of TiO₂ and other inorganic particles in UV curable inks & coatings.

It is also suitable for TiO₂ / inorganic pigment dispersions across a wide range of medium-high polarity solvents.

FEATURES/BENEFITS

Several potential benefits can be achieved including one or more of the following:

- Higher TiO₂ / Filler loadings
- Improved wetting and dispersion
- Lower viscosity
- Improved flow

PHYSICAL CHARACTERISTICS*

Appearance	Colourless to yellow viscous liquid
Pour Point (°C)	12
Flash point (°C)	162 (PMCC)
Density (g/cm ³)	1.17 (20°C)
Gardner Colour	<5

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

TYPICAL APPLICATIONS

- UV Flexographic, UV Offset, UV Screen & UV Digital Inks
- UV Coatings including UV Wood
- EB cured inks & coatings
- Pigment dispersions in medium-high polarity solvents
- Pigment dispersions for high solids, low or zero VOC systems

Solsperse™ 85000 should be dissolved in the millbase monomer / oligomer before the addition of pigments.

Addition levels should be based on the surface area of the titanium dioxide / filler. Typical dosage/demand levels would be in the range of 1-3 % active dispersant on the weight of titanium dioxide / filler.

RECOMMENDED RETEST DATE (RRD)/STORAGE

Solsperse™ 85000 is supplied in 25 Kg pails and 200 Kg drums.

RRD: 2 years.

For storage, please refer to the MSDS.

REGULATORY STATUS

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

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