

# SOLSPERSE™ 13300

A solution of 50% active polymeric dispersant in SHELLSOL™ D40

PERFORMANCE COATINGS

## PRODUCT DESCRIPTION

SOLSPERSE 13300 is a 50% active polymeric dispersant in SHELLSOL™ D40 which will improve dispersion and stability in liquid organic media.

## FEATURES/BENEFITS

In decorative paints, the following benefits are achieved:

- Enables high pigment low resin content dispersions to be made, leading to productivity improvements

SOLSPERSE 13300 is ideal for producing tinters

- Specifically designed for aromatic-free aliphatic solvent systems (isoparaffinic solvents)
- Improves colour development, brightness flocculation resistance and gloss of the final coating
- Ideal for high solids decorative systems, where low solvent is important (VOC issues)

In Digital inks the following benefits can be achieved:

- Highly pigmented dispersions
- Improved particle size reduction
- Improvements in particle size stability
- Excellent viscosity stability

## PHYSICAL CHARACTERISTICS\*

Appearance	Pale yellow to brown liquid
Boiling point (°C)	162 (solvent)
Flash point (°C)	>=40
Density (g/cm <sup>3</sup> )	0.9
Gardner Colour	10 max (product)

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

## TYPICAL APPLICATIONS

- Decorative paint
- Digital inks

The SOLSPERSE 13300 should be thoroughly blended with in the millbase resin / solvent before the addition of pigments.

Addition levels should be based on the surface area of the pigment / filler. The dosage level is typically 2mg active dispersant per square metre of pigment surface area. This is simply the surface area divided by 5.

For digital inks the dosage level required could be considerably higher and dosages of 4-10 mg active dispersant on weight of pigment should be considered.

For 6 mg dosage, the surface area divided by 1.66 = % active dispersant on weight of pigment.

## RECOMMENDED RETEST DATE (RRD)/STORAGE

SOLSPERSE 13300 is packed in 20 Kg pails, 150 Kg drums and 800 Kg IBC's.

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](http://www.lubrizolcoatings.com).