

# SOLSPERSE™ 24000 GR/SC

A 100% active polymeric dispersant

PERFORMANCE COATINGS

## PRODUCT DESCRIPTION

SOLSPERSE 24000 SC and SOLSPERSE 24000 GR are 100% active polymeric dispersants which will improve pigment dispersion and stability in liquid organic media.

## FEATURES/BENEFITS

In the automotive paints, the following benefits are achieved:

- Improved flocculation, flood and float resistance
- Production savings / high pigment content in the millbase
- Improvements in rate of colour strength development
- Superior gloss / reduced haze

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	Cream to yellow granular powder
Boiling point (°C)	decomposes without boiling >250
Melting point (°C)	47
Density (g/cm <sup>3</sup> )	1.13
Gardner Colour	9 max (20% solution in 4:1 xylene:butanol)

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

## TYPICAL APPLICATIONS

- Solvent based Automotive and Industrial paints
- Packaging gravure inks
- UV cured and solvent-based digital inks

The SOLSPERSE 24000 SC and SOLSPERSE 24000 GR should be dissolved 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 24000 SC and SOLSPERSE 24000 GR are packed in 25 Kg pails.

RRD: 2 years

Store below 35°C and out of direct sunlight.

For additional storage information, 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).