

# UNIQ<sup>®</sup> SPERSE 9450

100% Active Polymeric Dispersant

## FEATURES & BENEFITS

In the applications, the following benefits are delivered:

- Excellent performance in universal colorants
- Suitable for all pigments in resin free application
- Good viscosity reduction, increased pigment loading and improve production effect
- Improved gloss and tinting strength
- improved silica orientation, good in matt effect

## PHYSICAL PROPERTIES

Active Solid	>98
Acid Value	9-13 mg KOH/g
Amin Value	<2 mg KOH/g
Gardner Color	Max 8

## PRODUCT DESCRIPTION

UNIQ<sup>®</sup> SPERSE 9450 is a 100% active polymeric dispersant which will improve pigment dispersion and stability in water based, solvent based and UV based inks and coatings.

### APPLICATION

All the system of inks and coatings

## DOSAGE LEVEL

UNIQ<sup>®</sup> SPERSE 9450 should be dissolved in mill base diluent before the addition of pigment.

For inks and coatings, the dosage level required could be considerably higher and dosages of 2mg active dispersant on weight of pigment should be considered. This is simply the surface area divided by 5.

## SHELF LIFE/STORAGE

Shelf life: 5 years

For storage, please refer to the Material Safety Data Sheet.

## PACKAGE

- 25kg Pail
- 190kg Drum