

# **UNIQ 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

#### PRODUCT DESCRIPTION

UNIQ®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

#### **PHYSICAL PROPERTIES**

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

#### **DOSAGE LEVEL**

UNIQ®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

UNIQ®FOAM, UNIQ®FLOW, UNIQ®WET, UNIQ®SPERSE, UNIQ®LIGHT, UNIQ®COLOR, UNIQ®MICA, UNIQ®CURE, UNIQ®JET This information is given to the best of our knowledge. Because of the multitude of formulations, production and application conditions, all the above mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent