

## NUOSPERSE® 9850

### Dispersing Agent for Solventborne Coatings and Colorants

#### GENERAL INFORMATION

**NUOSPERSE 9850** polymeric dispersing agent is highly effective for carbon black and most types of organic pigments. It is also suitable for inorganic pastes. It is recommended for use in a wide range of high-performance, solvent-borne coatings and is an effective dispersant for both paints and colorants.

#### CHEMICAL & PHYSICAL PROPERTIES

Appearance	colourless to slightly yellow liquid
Active content	44 - 47 %
Solvent	xylene/propylene glycol monomethyl ether acetate/n-butyl acetate
Specific Gravity	0.96 - 1.00
Colour Value	gardner 1

These are typical properties not to be used for specification purposes.

#### APPLICATIONS

- Organic pigments
- Carbon black pigments
- Inorganic pastes
- Recommended for low to medium polarity systems based on:
  - Alkyds
  - Acrylics
  - Epoxy systems
  - PU systems

#### KEY PROPERTIES

- Rapid pigment wetting
- Increased mill output
- Maximum tinting strength and full chroma development

- Compatible with a broad range of coatings
- No floating, flooding or rub-out

#### INCORPORATION

**NUOSPERSE 9850** should be incorporated in the mill-base before pigments.

#### LEVELS OF USE

Typical use levels of **NUOSPERSE 9850** in a colorant or pigment dispersion are 5 % to 20 %. In a paint formulation, 0.5 % to 2 % are suggested. The use levels will vary for different pigments and a ladder study should be done to optimize them.

#### HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

#### STORAGE RECOMMENDATIONS

Store away from excessive heat or open flame in a well-ventilated location.

Store between 8 - 40°C.

Sensitive to moisture and should be stored in a dry location in the original container.

Keep container closed when not in use.

#### SHELF LIFE

**NUOSPERSE 9850** has a shelf life of 18 months from date of manufacture.

#### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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