

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

More detailed information on handling and safety for each product is included in the relevant material safety data sheet, available for each product.

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 2 years from date of manufacture.

QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards

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V02 Aug. 2024

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