

NUOSPERSE® 9100

Dispersing Agent for High Solids and UV Systems

GENERAL INFORMATION

NUOSPERSE 9100 is a powder dispersing agent designed for high solids and UV systems. It is soluble in a wide variety of solvents, monomers, reactive diluents and compatible with most non-aqueous systems. It can be used as the sole dispersing resin to prepare highly concentrated dispersions of both organic and inorganic pigments.

CHEMICAL & PHYSICAL PROPERTIES

Active Solids	100 %
Color	light straw
Form	powder
Specific Gravity	0.8 - 0.9

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

APPLICATIONS

- **NUOSPERSE 9100** is compatible with formulas based on nitrocellulose, high solids polyester, two-component urethane, vinyls, epoxies, chlorinated rubber and UV curable systems.

PROPERTIES

- Excellent compatibility
- Provides excellent pigment wetting
- Allows high pigment loading
- Improves flow

INCORPORATION

NUOSPERSE 9100 should be put into solution at approximately at 40 - 60 % solids. The solution should then be used to make highly concentrated pigment dispersions which can be let down directly into finished coatings or converted into stable dispersions. A 30 - 40 % base may be produced in UV monomers such as TRPGDA or HDODA with a high speed mixer. The solution should then be used to make highly concentrated pigment dispersions.

LEVELS OF USE

Typical use level is 2 - 10 % powder material. A ladder study is recommended.

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.

SHELF LIFE

NUOSPERSE 9100 has a shelf life of 4 (four) years 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.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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