

# NUOSPERSE® FX 9200UV

## Wetting and Dispersing Agent

### GENERAL INFORMATION

**NUOSPERSE FX 9200UV** is suitable for solvent-based and non-solvent (UV) inks. It provides good wetting and dispersing performance to organic pigments and carbon blacks.

### CHEMICAL & PHYSICAL PROPERTIES

Composition	highly branched copolymer containing multiple anchoring groups
Appearance	yellow to yellow brown, pellet to powder
Active content	ca. 100 %
Specific gravity	ca. 1.13

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

### APPLICATIONS

- Suitable for most organic pigments and carbon blacks
- Recommended for various ink systems, especially for UV inks

### KEY PROPERTIES

- Solvent-free and 100% active matter
- It deflocculates pigments and prevents re-flocculation through steric hindrance
- To reduce grinding time and mill base viscosity
- To improve color development, hiding power, gloss and evenness

### INCORPORATION

Incorporated before grinding, dispersing with pigment to achieve optimum effect.

Dissolved in suitable solvents or UV monomers before use.

### LEVELS OF USE

Recommended dosage

Organic pigments: 20 - 40 %

Carbon blacks: 40 - 80 %

Due to the variation of surface and oil-absorption characteristics of pigments as well as compatibility of dispersing agent in each system, it is suggested to test at various dosages on pigment to obtain optimum results.

### HANDLING 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

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 0 °C to 40 °C.

### SHELF LIFE

**NUOSPERSE FX 9200UV** has a shelf life of 2 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.

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