

Wetting and Dispersing Additive**SURFADIOLS 20000**

(Alternative to Solspers 20000)

SURFADIOLS 20000 is a 100% active polymeric dispersant which can improve the dispersion and stability of organic and inorganic pigments in paint and ink systems, especially suitable for carbon black. Solvent free.

Typical properties

Appearance	Light yellow liquid
Composition	Amino acid ester copolymer solution
Active substance content	100%
Amine value	10-25mg KOH/g
Acid value	0-5mg KOH/g
Density (20°C), g/cm ³	0.950-1.060
Viscosity	60-400mpa.s

Special properties

Color Development	Dispersant Efficiency
Fast Wetting	Glossy
High Color Strength	High Pigment Loading
High Solids Dispersant	Improved Coloristic Properties
Jetness	Low Viscosity
Milling Efficiency	Particle Size Reduction
Pigment Treatment	Stability

Scope of application

The additive is recommended for both aqueous and solvent-borne systems: Aniline inks, water-based coatings and inks, polyurethane systems, two-component acrylic systems, and automotive coatings.

Incorporation and Processing Instructions

For optimum performance, the resin and solvent components shall be premixed first, and then the additive shall be added slowly and mixed evenly, before addition of pigments. Were the sequence wrong, the additive can be post-added slowly with high shear force.

Avoid direct contact with skin. In case of accidental contact with skin, wash the skin immediately with soap water and clear it with water.

Recommended Levels

Amount of additive (as supplied) based upon pigment:

Inorganic pigments: 4% - 8%

Organic pigments: 8% - 15%

Titanium dioxides: 0.5% - 1%

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Package and storage

The standard package is 25kg pails, 18 pails per pallet.

Keep containers tightly closed in a dry, cool, and well-ventilated place at 10-35°C, away from heat and fire. When stored in an original unopened packaging, the product has a shelf life of 12 months from the date of manufacture.