



SURFATA DISPERSE® 18

Composition

Solution of a high molecular weight block copolymer

Application

SURFATA DISPERSE® 18 wetting and dispersing additive for aqueous coating systems, printing inks and adhesives. Standard additive for binder-free pigment concentrates. Suitable for all pigments.

Mode of Action

SURFATA DISPERSE® 18 deflocculate pigments through steric stabilization of the pigments. Due to the small particle sizes of the pigments, high gloss is achieved and color strength improved. Additionally, transparency and hiding power are increased.

Typical Properties

Appearance, 25 °C	Yellow to amber liquid
Non-volatile matter, %	40
Gardner color	8 max.
Flashpoint, °C	> 100

Values indicated in this data sheet describe typical properties and do not constitute specification limits. Please refer to product spec sheet.

Application Areas

Pigment concentrates	✓✓
Coil coatings	✓✓
General Aqueous systems	✓✓
Automotive coatings	✓✓
Architectural coatings	✓✓
Print Inks	✓✓
Industrial coatings	✓✓
Wood and furniture coatings	✓✓
UV/EB coatings	✓✓

✓✓ Recommended ✓ Suitable



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Features and Benefits

- Reduces mill-base time.
- Prevents the thixotropy and reduces the viscosity.
- Stabilize the pigment dispersion.
- Gloss and color strength are improved.
- Prevents flooding/floating and sedimentation.
- Higher pigment loading is possible in pigment concentrates.

Incorporation and Dosage

For optimum performance the **SURFATA DISPERSE® 18** should be added to the binder before addition of the pigments.

	Titanium Dioxide	Inorganic Pigments	Organic Pigments	Carbon Blacks
% additive on pigment:	5 – 15	15 – 30	30 – 60	50 - 100

Transport and Storage

Separation or turbidity may occur at temperatures below 5 °C warm to 25 °C and stir. There is no interference in the product performance.

Keep in a dry, cool and well-ventilated place. Keep product away from heat and sources of ignition. Store in original containers.

Safety and Handling

Please refer to product MSDS.

Note: These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for use of our products or the inclusion of descriptive material from patents and the citation of specific patents in this publication should not be understood as recommending the use of our products in violation of any patent.

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