

SURFATA DISPERSE[®] 2

Composition

High molecular weight block copolymer

Application

SURFATA DISPERSE[®] 2 solvent-free wetting and dispersing additive for solvent-borne and solvent-free coatings, adhesives, PVC plastisols, ambient curing resin systems, and for the production of color masterbatches for thermoplastics. Particularly recommended for carbon black pigments.

Mode of Action

SURFATA DISPERSE[®] 2 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	Amber viscous liquid
Non-volatile matter, %	100
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

Adhesives	●
Color masterbatches	●
PVC plastisols	●
Pigment concentrates	●
Automotive coatings	●
Industrial coatings	●
Printing inks	●
UV/EB coatings	●
Wood & Furniture coatings	●

● Recommended ○ Suitable

SURFATA DISPERSE[®] 2

Features and Benefits

Coatings

- 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.
- Compatible with different kinds of resin.

Thermoplastics

- It improves the torque build-up, the throughput, the viscosity (MVR), the filter pressure value (FPV) and the dispersion quality.

Incorporation and Dosage

For optimum performance the **SURFATA DISPERSE[®] 2** should be added to the binder before addition of the pigments.

	Titanium Dioxide	Inorganic Pigments	Organic Pigments	Carbon Blacks
% additive on pigment:	1 – 5	5 – 10	10 - 30	10 - 50

Transport and Storage

High viscosity and solidification may occur at low temperature. Product efficiency is not influenced.

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.

ATAMIN[®], ATAMUL[®], ATASTAB[®], ATAWET[®], COMMAND[®], SURFATA[®] and SURFATA DISPERSE[®] - are registered trademarks of ATA Assessoria Indústria e Comércio de Tensioativos Ltda.