

SURFATA® PTI 77044

Composition

Modified polymer.

Application

SURFATA® PTI 77044 Dispersing and wetting additive for Solvent-Borne and Solvent-Free systems. Suitable for dispersing organic and inorganic pigments in alkyds systems.

Mode of Action

SURFATA® PTI 77044 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, %	> 97
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
- Print Inks
- Architectural coatings
- Industrial coatings
- Wood and furniture coatings
- Automotive coatings

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.

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Incorporation and Dosage

For optimum performance the **SURFATA[®] PTI 77044** should be added to the binder before addition of the pigments.

	Titanium Dioxide	Inorganic Pigments	Organic Pigments	Carbon Blacks
% additive on pigment:	2 – 4	3 – 8	5 - 10	5 - 20

Transport and Storage

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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