

SURFATA® PTI 77029

Composition

Solution of modified fatty derivative

Application

SURFATA® PTI 77029 wetting and dispersing additive for solvent-borne medium-polar to low-polar thick layer systems and primers to prevent fillers and inorganic pigments from settling and to gel bentonites.

Mode of Action

SURFATA® PTI 77029 this additive lead to a controlled flocculation of pigments. Through controlled flocculation of pigments, flooding and floating, settling, and sagging of pigments is avoided.

Typical Properties

Appearance, 25 °C	Yellow to amber liquid
Non-volatile matter, %	50
Flashpoint, °C	> 37

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

Application Areas

- Architectural coatings
- Gel bentonites
- Industrial coatings
- Wood and furniture coatings

Features and Benefits

Coatings Industry

- Prevents flooding/floating and sedimentation.
- Significantly increases thixotropy.
- Prevents sagging.
- Improve anticorrosive properties when used in protective coating primers.

Gel bentonites

- Pumpable gel consistency can be obtained.
- Easy incorporation in the coating system.
- Increased storage stability of the gels.

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Combination with Silicone

- If especially intractable floating problems are encountered, **SURFATA® PTI 77029** can easily be combined with a special silicone such as **SURFATA® PTI 77076**. The amounts normally used are around 0,1 – 0,5 % of a 1 % silicone oil solution, with respect to the total coating formulation.

Incorporation and Dosage

For optimum performance the **SURFATA® PTI 77029** should be added to the binder before addition of the pigments.

	Fillers	Inorganic Pigments	Organic Pigments	Bentonites
% additive on pigment:	0,5 – 1,5	1 – 2	2 – 4	25 - 50

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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