

SURFATA[®] POL 001

Composition

Co-polymerizable surfactant

Application

SURFATA[®] POL 001 reactive co-stabilizer used in latex synthesis for all Acrylic, Vinyl/Acrylic, Vinyl Veova, Styrene/Acrylic systems.

Mode of Action

SURFATA[®] POL 001 acts on the colloidal stability of the polymer particles.

Typical Properties

Appearance, 25 °C	Colorless to yellow liquid
Non-volatile matter, %	40
Flashpoint, °C	> 100
Density, 25 °C (g/ml)	1,15
pH 10% aqueous	6,0 – 9,0

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

Application Areas

Emulsion polymerization in particular for:

- Acrylic
- Vinyl/Acrylic
- Vinyl Veova
- Styrene/Acrylic

Features and Benefits

- Stability improvement also in high solid system
- Mechanical Stability improvement
- Less coagulum in reactor
- Decrease the quantity of surfactant.

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Incorporation and Dosage

The required quantity is dependent upon the type and amount of starting monomers as well as upon the polymerization process and the desired properties of the polymer dispersion. In general, the amount ranges between 0,5 and 1%.

Transport and Storage

The product may have slight turbidity during storage, but there is no interference in the performance of the product.

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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