

# SURFATA® PTI 77072

## Composition

Modified siloxane.

## Application

**SURFATA® PTI 77072** silicone surface additive for solvent-free, solvent-borne and aqueous coating systems, printing inks and adhesive systems as well as ambient-curing plastic systems. Specially for clear coatings like wood finishes and automotive clearcoats where haze of the paint film is not allowed.

## Mode of Action

**SURFATA® PTI 77072** provides a strong reduction of surface tension in the coating systems.

## Typical Properties

|                        |       |
|------------------------|-------|
| Density, 25 °C         | 1,01  |
| 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

- Solvent-borne coatings
- Solvent free coatings
- Aqueous coatings

## Features and Benefits

- Improves levelling, surface smoothness.
- Increases scratch and abrasion resistance.
- Improves the orientation of metallic pigments and matting agents.
- Prevents floating and flooding.
- Enhances anti-blocking characteristics.
- Minimal effect on intercoat adhesion.
- Minimal effect on foam stabilisation.
- Prevents cratering.

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## Incorporation and Dosage

**SURFATA® PTI 77072** can be incorporated during any stage of the production process, including post-addition. Thinning before incorporation may make dosing easier.

|                        | % additive based upon total formulation |
|------------------------|-----------------------------------------|
| UV systems             | 0,05 – 0,5                              |
| Solvent –based systems | 0,02 – 0,3                              |
| Water-based systems    | 0,02 – 0,2                              |

Before use, one should determine in test series the recoatability and crater development.

## 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.

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