

Siloxane-based substrate wetting agent for coatings and inks

## **SURFADIOLS 4100**

(Alternative to TEGO-4100)

SURFADIOLS 4100 is a siloxane-based gemini surfactant. It is multifunctional: substrate wetting, foam control and anti-crater effect, with good compatibility. It finds application in a variety of coatings and inks. Suitable for both water-based and solvent-based systems.

### **Typical properties**

Active matter	Siloxane-based gemini surfactant
Appearance	Yellow liquid
Solid content (120°C, 2h)	90%
Viscosity (mPa·s, 25°C)	50-500
Density (25°C), g/cm <sup>3</sup>	0.98-1.05
Solubility in water	Insoluble
Suggested use level	0.1% - 1.0% of total formulation weight; the optimal dosage needs to be determined through lab tests.

### **Special properties**

- Siloxane-based gemini surfactant
- Good compatibility in water-based systems
- Combines substrate wetting, defoaming properties and anti-crater effect
- Solvent free, APEO-free, non-toxic

### **Scope of application**

- furniture coatings
- water-based printing inks
- parquet coatings
- plastic coatings
- general industrial coatings

### **Incorporation and Processing Instructions**

- Addition to the coating as supplied or as a predilution is possible.
- Addition at the let-down stage is recommended.

### **Package and storage**

The standard package is 25kg or 200kg plastic/iron drums.

Keep containers tightly closed in a dry, cool, and well-ventilated place.

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.