

## KEPERSURF®-185 Surface control additive

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## Silicon surface additive that strongly reduces surface tension

**Product type**

Polyether-modified polysiloxane levelling agent

**Product usage**

In the water system, solvent and UV system, the surface tension is reduced intensively, and the floating and leveling, orientation speed and smooth feel are greatly improved

**Physical data**

1. Effective ingredient: polyether-modified polysiloxane
2. Appearance: colorless-pale yellow clear liquid
3. Content: 100%
4. Specific gravity: about 1.02(25°C)

**Product features**

1. The total content of D4, D5 and D6 is less than 0.01% to meet the requirements of SVHC substance control. It can be used for high environmental protection requirements such as toy coatings.
2. Strongly reduces the surface tension of the system, can be used in water-based, solvent-based and UV systems.
3. Small side effects and high safety under large dosage.
4. With excellent slippery feeling and compatibility. Excellent wettability, anti-shrinkage porosity, anti-floating color ability.
5. Good transparency in high gloss system, excellent matte powder orientation in matte paint. Good recoating performance.

**Suggested dosage**

According to the supply type,  
For the total amount of formula: 0.1-0.5%  
The best dosage needs to be obtained through testing

**Add methods and precautions**

- 1、 Can be diluted and added with common solvent or water
- 2、 Added slowly under medium or low shear force to ensure that it is evenly dispersed in the system

**Scope of application**

Suitable for water-based, solvent-based, UV coating and ink

**Safety instructions**

Refer to the MSDS

**Packing specifications**

- 1、 25KG, 200 KG iron bucket
- 2、 Sample: 60ml glass bottle

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### Transportation and storage

- 1、Containers should be sealed during transport and storage, and no freezing and ambient temperature lower than 40°C .
- 2、The shelf life is 2 years, starting from the date of production.

The content of this information is based on our current knowledge and experiments, Since we cannot test the nature of this product, especially mixed products from other suppliers, therefore, we remind you that prior to formal use, you should test your performance to meet your requirements. We reserve the right to make technical improvements and changes to this product, and all the information contained in this information is not in the nature of any legal guarantee.