

D147

Product Introduction:

This product has the advantages of good smoothness, high efficiency, low foam, wear resistance, scratch resistance, substrate wetting and shrinkage resistance. It can be used as a leveling aid for solvent-based and light-cured coatings. Suitable for UV coating, UV ink, wood coating, varnish, industrial coating, printing ink (especially suitable for UV offset printing ink), inkjet ink, and leather coating.

Product Features:

- ◆ Efficient leveling speed and leveling performance
- ◆ Excellent gloss and smoothness
- ◆ Effectively prevents and eliminates cratering
- ◆ Release effect
- ◆ Wear resistance
- ◆ Scratch resistance

Applicability

Water-base	Solvent-base
●	●
Solvent-less	Bicomponent
●	●
Paint	Varnish
●	●

○ Unsuitable ◎ Partially suitable ● Suitable

Application

◆ UV coating, UV ink, wood coating, varnish, industrial coating, printing ink (especially suitable for UV offset printing ink), inkjet ink and leather coating

Technical information

Chemical composition	Polyether and alkyl co-modified polydimethylsiloxane
Active content	100%
Appearance	Light yellow transparent liquid
Viscosity (mPa·s, 25℃)	200±50
Water solubility	Soluble
Density (g/cm³, 20℃)	1.01~1.05

Solubility

Water, alcohols, alkanes and aromatics can be diluted at any ratio. But it may cause turbidity or precipitation in the system with ester solvents. Please contact the technical department when it is not suitable.

Recommended addition

0.05-1% based on the total formulation.

Chemical usage process

Can be added at any stage in the production process. This product is better be diluted with a suitable solvent first.

Taboo

Avoid mixing with other additives. Before production, it should be tested and verified.

Specification

25 kg/drum

Storage and shelf life

- ◆ Transportation and storage of non-hazardous chemicals
- ◆ Cool, dry and sealed storage
- ◆ Shelf life: 12 months from the date of production

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