

Product Introduction:

D143 is a specially modified UV-curable silicone leveling agent, which has the advantages of fast leveling speed, high leveling efficiency, low foam, abrasion resistance and scratch resistance, increased substrate wetting and shrinkage resistance, and can be used as a leveling aid for solvent-based and UV-curable coatings. Suitable for wood paint, varnish, industrial coatings, printing inks, inkjet inks, leather coatings and UV coatings.

Product Features:

- ◆ Efficient leveling speed and leveling property
- ◆ Low foaming
- ◆ Effectively prevents and eliminates cratering

Applicability

Water-base	Solvent-base
○	●
UV curing	Bicomponent
●	◎
Paint	Varnish
●	●
○ Unsited ◎ Partially suited ● Suited	

Application

- ◆ Wood paint
- ◆ Varnish
- ◆ Inkjet inks
- ◆ Leather coatings
- ◆ Common industrial paint
- ◆ UV coatings

Technical information

Chemical composition	Modified polydimethylsiloxane
Active content	100%
Appearance	Light yellow transparent liquid
Viscosity (mPa·s, 25℃)	80-200

Recommended addition

0.5-2% based on the total formulation.

Chemical usage process

Can be added at any stage in the production process.

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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