

Leveling agent

D145

Product Introduction:

D145 is used for controlling the surface tension of liquid materials. It is mainly used in various resin-based coatings. It reduces surface tension, promotes leveling, improves substrate wettability, prevents shrinkage, and enhances surface smoothness and gloss. It is a high-performance universal leveling agent. This product is suitable for coating systems containing ester solvents and provides good surface feel.

Product Features:

- ◆ Efficient leveling property
- ◆ Excellent wettability
- ◆ Excellent gloss and smoothness
- ◆ Release effect

Applicability

Water-base	Solvent-base
●	●
Solvent-less	Bicomponent
●	●
Paint	Varnish
●	●
○ Unsited ● Partially suited ● Suited	

Application

- ◆ Coating system with ester solvent

Technical information

Chemical composition	Polyether modified polydimethylsiloxane
Active content	100%
Appearance	Light yellow transparent liquid
Viscosity (mPa·s, 25℃)	500±100
Water solubility	Soluble

Solubility

Water, alcohols, esters, alkanes and aromatics can be diluted at any ratio.

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

The risk of this kind of product lies in causing shrinkage cavity. Users should focus on this when choosing similar products. Carefully mix 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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