

D133

Product Introduction:

D133 is an additive used to control 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 universal leveling agent with good performance and better defoaming properties. This product has a special effect on preventing color floating and deepening of PU leather.

Product Features:

- ◆ Excellent wettability
- ◆ Efficient leveling speed and leveling property
- ◆ Effectively prevents cratering

Applicability

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

Application

- ◆ PU leather coating

Technical information

Chemical composition	Polyether and alkyl co-modified polydimethylsiloxane
Active content	100%
Appearance	Light yellow transparent liquid
Viscosity (mPa·s, 25℃)	600-1200
Water solubility	Soluble
Density (g/cm³, 20℃)	1.02-1.06
Color (Pt-Co)	< 300

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.

Specification

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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