

Silicone surface control agent, surfactant, leveling agent and anti-oil leveling agent.

D135

Product Introduction:

D135 is specially designed for coatings to prevent defects caused by substrate oil contamination. When the substrate is contaminated with silicone oil or grease that is difficult to completely remove, problems such as poor adhesion, pinholes, and craters can occur. This product effectively solves the above issues. It also offers excellent leveling and recoatability.

Product Features:

- ◆ Efficient leveling speed and leveling performance
- ◆ Excellent recoatability

Applicability

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

Application

- ◆ PU Leather coatings

Taboo

This product still has a certain feel, and HB-1134 can be used to emphasize the feel.

Carefully mix with other additives. Before production, it should be tested and verified.

Technical information

Chemical composition	Polyether modified polydimethylsiloxane
Active content	100%
Appearance	Light yellow transparent liquid
Viscosity (mPa·s, 25℃)	300-800
Water solubility	Soluble
Density (g/cm ³ , 20℃)	1.02-1.06
Chromaticity (pt-co)	< 300
Conductivity (μS/cm, 50%)	< 50
Surface tension (mN/m, 25℃)	< 25
Refractive index (25℃)	1.440-1.460

Solubility

Water, alcohol, benzene and hydrocarbon can be diluted at any ratio. Please contact the technical department when it is not suitable.

Recommended addition

For oily systems, use 0.1-1.0% of the total formulation; for watery systems, the dosage can be increased appropriately.

Chemical usage process

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

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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