Silicone Antifoam Agent DCA-3979

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Introduction

DCA-3979 is an organosilicon defoamer suitable for both solvent-based and solvent-free systems, offering powerful bubble breaking and foam suppression capabilities. It is highly efficient even at very low dosages and is especially effective in eliminating microbubbles in high-viscosity paint and ink systems.

Physicochemical Data

- Chemical composition: Fumed silica modified polydimethylsiloxane
- Appearance: Opaque, cloudy viscous liquid
- Active content: 100%
- Solvent: None

Product features

- DCA-3979 is ideal for solvent-based and solvent-free paint and ink systems with excellent defoaming ability.
- Particularly suitable for pigment-containing systems; compatibility with varnish systems requires careful evaluation.
- Exhibits high defoaming efficiency with minimal addition.

Application areas

Applicable in two-component epoxy systems, polyurethane systems, UV-curing coatings, solvent-based or UV-curing screen inks.

Addition Method

Generally, 0.05-1% of the total amount can be added at any stage of production, and after addition, it needs to be stirred as much as possible to achieve good dispersion

Packaging and storage:

18kg Plastic Drum, stored in a cool and dry place.

Note: The purpose of this manual is to provide basic product information to technical personnel involved in the development of coatings, inks, pesticides, and other industries. It is intended for research and reference use and does not carry any warranties. Please conduct preliminary tests to assess its suitability.