



Silicone defoamer

Overview

680 is a polysiloxane compound containing hydrophobic particles, offering excellent anti-foaming properties and rapid defoaming ability. It is suitable for high-viscosity, high-film thickness, and solvent-free coating and ink systems, such as epoxy floor coatings, PCB inks, and screen printing inks.

Physicochemical Properties

Appearance	Translucent Liquid	Composition	Polysiloxane compound containing hydrophobic particles
Solid Content	≥98.0 %	Solvent	None
Density	1.00 g/ml		

Characteristics and Advantages

- Excellent anti-foaming properties.
- Hydrophobic particles increase the defoaming speed.
- Effective against bubbles generated during manufacturing and application.

Dosage

For total quantity, use 0.01-1.0%.

Can be added before or after grinding; in colored paints, it is recommended to grind it together with the grinding component.

Application

Suitable for floor coatings, epoxy systems, unsaturated polyester systems, and inks.

Precautions & Storage

- 1) After opening, ensure the container is completely sealed if not fully used to prevent moisture ingress.
- 2) Due to the high activity of 680, dilute with solvent to 10% before use, and use the diluted solution promptly.
- 3) The product exhibits thixotropic behavior: viscosity may increase with prolonged standing or at low temperatures, which is normal. It is recommended to stir well before use to ensure proper application.
- 4) Store between 0-40 $^{\circ}$ C in a cool, ventilated place. Keep the container tightly sealed and away from heat and fire sources.

Safety

Refer to MSDS

Packaging

25 KG/barrel

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For further detailed information, please contact our company directly.

www.new-techem.com

The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

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