



# 680

## 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 °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