



Application Industry: Oil-based Ink Coating Resin

Product Name: Antifoam RK-8680

RK-8680 is a highly efficient and multi-purpose organic silicon synthetic defoamer suitable for non-aqueous systems. It is particularly suitable for foam control in oil-based inks for printed circuit boards and epoxy floor paint systems. It has good defoaming properties and can quickly eliminate small bubbles. Due to its excellent comprehensive performance, the amount added in most systems is significantly less than other types of defoamers.

Product property:

- Outstanding foam breaking performance
- Especially effective for microbubbles
- Good system compatibility
- Low addition
- Suitable for non-aqueous systems

Main physical and chemical properties:

Item	Range
Appearance	Light grey translucent liquid
Viscosity(25°C)	10~500mPa·s
Active content	100%

Application Process:

The amount of defoamer added can be 0.2%~0.6%. For special systems, the amount added can reach more than 1%. The best amount of addition is determined by the customer based on the specific requirements of the application site and the actual situation. The product should be shaken before use. The solubility in water and lower alcohol is very small, but it is soluble in benzene, toluene and mineral oil. If dilution is required, it can also be diluted with a special diluent before use.

Key Applications

- Oil-based ink for printed circuit boards
- Epoxy floor paint
- Solvent or solvent-free adhesive

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses



Information of manufacturers and products

Product name	Antifoam
Model	RK-8680
Manufacturer	Xiamen Rickman Chemical Technology CO., Ltd. Add: 1267 Qianpu South Road, Siming District, Xiamen City, Fujian Province, China
Tel/Fax	15359255189

Product content

Pure or mixture	Mixture
English name	Silicone compounds

Dangerous marks

Human-body health effect	Skin contact	Slightly skin allergic for variety of people
	Eye contact	Eye allergic
	Swallow	No data
Environment effect	No data	
Physical/chemical damage	—	
Special damage	—	

Packaging & Storage

Package	25kg/ 50kg/120kg/ 200kg plastic pail or 1000kg IBC
Storage Condition	Room Temperature Storage (5°C-40°C) . Avoid direct sun light, shelf life is 6 months.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of Rickman products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end application