



Application Industry: Coatings and Inks Water-based Epoxy System

Product Name: Antifoam RK-8875

RK-8875 is a defoamer developed from polysiloxane-polyether copolymer and active synergist with special structure. The new upgrade makes this product have excellent defoaming and antifoaming performance and stability. The special structure ensures that the system compatibility remains unchanged while the performance is greatly improved. It has good defoaming and antifoaming ability for water-based flexographic inks, water-based acrylic overprints, pure acrylic emulsions, PVA, and polyurethane emulsions, and is particularly suitable for addition during the grinding process and paint mixing process.

Product property:

- Outstanding anti-foaming performance
- Excellent dispersibility
- High system compatibility
- Small addition amount
- Foam control in water-based coating systems

Main physical and chemical properties:

Item	Range
Appearance	Slightly turbid liquid
Viscosity(25°C)	300~1000mPa·s
Active content	>95%
Ionicity	Non-ionic

Application Process:

The additive amount is 0.1-0.5%. The best amount is determined by the customer based on the specific requirements of the application site and the actual situation. It is especially suitable for adding to the grinding material. To improve the mixing efficiency, it can be pre-diluted with solvent. If used in the process of ink (paint), it must be high sheared or pre-diluted.

Key Applications

- Water-based epoxy systems
- Water-based flexographic inks
- Water-based acrylics and mixed acrylics
- Styrene acrylic latex paints for architectural wall coatings
- Water-based color paste grinding process
- Styrene acrylic latex paints for architectural wall coatings



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-8875
Manufacturer	Xiamen Rickman Chemical Technology CO., Ltd. Add: No 1267 Qianpu South Road, Siming District, Xiamen City, Fujian Province, China
Tel/Fax	15359255189

Product content

Pure or mixture	Mixture
English name	Polysiloxane-polyether copolymer

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 12 months.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained here 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.