



Application Industry: Coatings and Inks Water-based Epoxy System

Product Name: Antifoam RK-8876

RK-8876 is a defoamer developed by copolymerizing polysiloxane polyether with a special structural active synergist. This product has excellent anti foaming performance and stability. The special structure ensures that the compatibility of the system is unchanged and the performance is greatly improved. It has strong antifoaming and foam inhibition performance in waterborne epoxy, pure acrylic lotion, PVA, polyurethane lotion, especially during grinding and paint mixing.

Product property:

- Not affecting surface gloss
- Excellent dispersibility
- Excellent compatibility
- Low addition
- Specially suitable for water based paint

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% , and the optimize volume is depended on the specific requirements on site.

RK-8876 is specially suitable for adding to the grinding materials. In order to improve mixing efficiency , RK-8876 is recommended to be pre-diluted with solvent. If used in the inking (paint) process, it must be highly sheared or pre-diluted.

Key Applications

- Water-based epoxy system
- Container paint
- Acrylic polyurethane latex paint for wood
- Styrene acrylic latex paint for building wall coatings
- Waterborne flexographic printing ink, water-based acrylic overlay remover
- Grinding process of water-based color paste
- Water-based acrylic acid and mixed acrylic acid



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-8876
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	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 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