



**Application Industry:** Inks And Paint Water-based Epoxy System

**Product Name:** Antifoam RK-857

RK-857 is a polysiloxane and polyether copolymerization defoamer with special structure of the active synergist. The special structure ensures that the compatibility of the system is unchanged and the performance is greatly improved. It has strong antifoaming performance in water based flexo ink, water acrylic overprinting, pure acrylic emulsion, PVA, polyurethane emulsion especially during grinding and paint mixing.

**Product property:**

Low addition

Excellent antifoaming and foam control

Excellent compatibility

Easy to disperse

Specially suitable for water based coating system

**Main physical and chemical properties:**

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

**Application Process:**

The additive amount is 0.1-0.5% , and the optimize volume is depended on the specific requirements on site. RK-857 is specially suitable for adding to the abrasives, In order to improve mixing efficiency , advice to be pre-diluted with solvent. If used in the inking (paint) process, it must be highly shear or pre-diluted.

**Key Applications**

Water based flexo ink

Water based colorant grinding process

Water based epoxy system

Water based acrylic and hybrid acrylic Styrene/acrylic acid system

Architectural wall paint's styrofoam latex paint



## 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-857
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.**