



Application Industry: Water based Coatings, Latex Paints, Adhesives, Sizing & Coating

Product Name: Antifoam RK-170A

RK-170A is mainly use the mineral oil with large spreading coefficient and hydrophobic particles as anti-foaming active materials, supplemented by anti-foaming synergistic substance. Mineral oil increases the spreading speed of anti-foaming particles, and the hydrophobic particles reduce the entry barrier of anti-foaming particles. The interaction between these two provides great anti-foaming performance. Meanwhile, mineral oil has good affinity with organic matter, so it doesn't cause surface defect.

Product property:

- Good dispersion in water
- Good compatibility with water, and will not produce floating oil, fish-eye and other defects

Main physical and chemical properties:

Item	Range
Appearance	Colorless to light yellow opaque liquid
Viscosity(25°C)	300~1000mPa·s
Active content	100%
pH value	5.0~7.0
Specific gravity, g/cm ³	0.8~1.0

Application Process:

- This product consists of hydrophobic liquid and hydrophobic particles, and may be slightly delaminated by long-term storage. The effect will not be affected if it is used after mixing well.
- It can be added directly for use or pre-dispersed for use.
- The general adding amount is 0.1~0.6%. The optimum additive amount is adjusted according to the actual situation on site.

Key Applications

- Production of adhesives and various types of latex paints
- Waterborne coating systems based on phenylpropylene emulsion, silicone propylene emulsion, pure propylene emulsion, etc
- All types of water-based latexes (styrene/butadiene, acrylic, PVC and their copolymers, EVA, vinyl dichloride and water-soluble alkyd)
- Paper coating



LIMITATIONS

The product should not be used for human injection

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

Information of manufacturers and products

Product name	Antifoam
Model	RK-170A
Manufacturer	Xiamen Rickman Chemical Technology CO., Ltd. Add: No 1267 Qianpu South Road, Siming District, Xiamen City, Fujian Province, China
Tel/Fax	+86 15359255189

Product content

Pure or mixture	Mixture
English name	Mineral oil

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/180kg plastic drum or 850kg IBC drum
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.