



Application Industry: Aqueous Coatings, Aqueous Latex Paints, Adhesives, Sizing&Coating

Product Name: Antifoam RK-170

RK-170 is mainly use the large coefficient of osmosis of mineral oil and hydrophobic particles as antifoaming active material, supplemented by antifoaming synergistic substance. Mineral oil increase osmotic speed. The hydrophobic particles reduce antifoaming synergistic material into the barriers. The interaction provides great antifoaming performance. Meanwhile, mineral oil has good affinity with organic matter so that it doesn't cause surface defect.

Product property:

In common latex and emulsion paint system with high efficiency

Good water soluble and dispersion, defoaming quickly and foam control for long time

Economical, reduce formulation costs

Low addition, easily operation

Main physical and chemical properties:

Item	Range
Appearance	Off white to light yellow liquid
Viscosity(25°C)	500~5000mPa·s
Active content	100%
pH value	5.5~7.0

Application Process:

Antifoam consists of hydrophobic liquid and hydrophobic particles. It is recommended that the user should fully stir before use, even if the surface is not stratified; long-term storage may be slightly stratified, evenly mixed and used, without affecting the effect.

The additive amount is 0.2-0.6% of paint weight, added 1.0-1.5 % at pulping process, added 1.0-1.5 % again at paint correction. The optimum addition should be depended on specific situation. Do not dilute.

Key Applications

Widely used in water based paint system, which on the basis of styrene-acrylic emulsion, silicone-acrylic emulsion, all-acrylic emulsion, vinegar acrylic& vinegar butyl emulsion, etc.

All kinds of water based latex(styrene/butadiene, acrylic acid, PVC and its copolymer, EVA, dichloroethylene, water-soluble alkyd)

Water based adhesives and latex paint

Paper coating

Sizing&Coating



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-170
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	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 pail or 850kg IBC drum
Storage Condition	Room Temperature Storage (5°C-35°C) , Avoid direct sun light, shelf life is 6 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.