

TECHNICAL DATA SHEET

Defoamer HF-31107N Special fluorine modified silicone defoamer, with strong foam inhibition ability and excellent performance in coating production and construction.

Product Data

Composition

High molecular weight fluorine modified silicone polymer, isooctyl acetate as solvent.

Typical Properties

Appearance	Transparent colorless liquid
Active ingredient	<3.0%

Note: The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Applications

Recommended Levels

It is suggested that the dosage varies according to different systems. Generally, 0.1-1.0% on total formulation. HF-31107N can be added at any stage of production process.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Special Features and Benefits

HF-31107N is suitable for solvent based coating system and has strong foam inhibitor gas-release ability. HF-31107N generally does not cause shrinkage within the recommended addition amount. It is suitable for the production, canning and construction of coatings with the best

Anshan Huihong New Material Chemical Co., Ltd.

defoaming capacity. It has wide versatility and can be used in various polar systems. With high addition and recoating requirement, please evaluate the recoating property carefully.

HF-31107N is especially suitable for bright varnish because of its excellent resin compatibility. The characteristic of strongly reducing surface tension makes it able to quickly defoam in high viscosity system. This characteristic is particularly valuable for anti-corrosion coatings and epoxy synthetic materials.

HF-31107N is suitable for two-component polyurethane, polyester and synthetic fatty acid resin wood varnish. Chlorinated rubber, epoxy, alkyd amino baking paint and other anti-corrosion coatings, as well as the rapid gas release of epoxy synthetic material trim.

Storage and Package

HF-31107N should be stored at a dry and cold place. The shelf life is 2 years from production date.

Net weight 25kg and 200kg plastic-lined iron drums, net weight 1000kg IBC.

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