

# IFC-1121

Acrylic copolymer emulsion



## Technical Data Sheet

Name: IFC-1121

Revision Date: 2023-08-03

Version:1.3

### Product Description

IFC-1121 is a low solvent content hydroxyfunctional polyacrylic dispersion designed for floor coating, machinery and anticorrosion coating. In combination with polyisocyanates or other crosslinkers, it can be used for two-component coating. It also can be used for one component baking coating with amino resins or blocked polyisocyanates. Approx. 50% in water /1-butoxy-2-propanol, approx. 47:1.1. Neutralizing agent, N,N-dimethyl ethanolamine (<2wt%), bound as a salt. Biocide: <(CMIT:MIT=3:1) 0.014‰, BIT 0.200‰.

### Properties

1. High gloss, gloss(60°C)>92%
2. Excellent resistance to chemicals and salt spray
3. Low VOC

### Characteristic data\*

Property	Value	Unit
Appearance	Milky white liquid	
Solids content	50±1.0	%
PH	6.0-8.0	
Viscosity	50-4000	mPa·s
OH Content	3.8	%
Density	1.06	g/cm <sup>3</sup>

\*These properties are typical but do not constitute specifications.

### Storage

The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 12 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

The viscosity of the product is largely governed by the pH. As the pH may decrease during storage, a decrease in viscosity is also to be expected. The viscosity can be

## IFC-1121



adjusted to its original value by the addition of small amounts of an aqueous 10% solution of triethanolamine.

### **Disclaimer**

Foshan Shunde Infinechem Co., Ltd. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also suggest that you contact the suppliers of other materials used in our recommended formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.