

# IFC-1204D

Styrene acrylate copolymer emulsion for interior paints



## Technical Data Sheet

Name: IFC-1204D

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### Product Description

IFC-1204D is a styrene acrylate based synthetic emulsion. The product is mainly applied in economical interior paints. It can meet the environmental requirements of APEO-free, ultra-low formaldehyde, low odor and low VOC. This product adopts the latest emulsion polymerization technology to effectively control the particle size, particle size distribution and molecular weight. Reasonable particle size distribution makes the emulsion dry film excellent in transparency, water resistance and alkali resistance. It also adopts wet riveting technology, after contacting the substrate, the emulsion paint will quickly penetrate into the substrate to form a wedge, which has excellent adhesion to the substrate. When the latex paint water gradually evaporates, IFC-1204D latex particles can effectively wrap the pigment filler and riveted with the substrate wedge, so that the latex paint dry film is highly dense. This technology greatly improves the wet scrubbing performance. IFC-1204D is also excellent in calcium ion stability, mechanical stability and freeze-thaw stability.

### Properties

1. APEO free, low odor
2. Excellent wet scrubbing performance
3. Excellent water and alkali resistance
4. Excellent adhesion
5. Good economy and wide formulation applicability

### Characteristic data\*

Property	Value	Unit
Type	Styrene acrylate copolymer	
Appearance	Milky white with blue luster	
Solid Content	47-49	%
PH	7.0-8.5	
Viscosity	200-2000	mPa·s
MFFT	20-25	°C
Particle Size	0.1-0.2	μm
Ionicity	Anionic	

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

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## Storage

The product should be stored in dry condition between 10~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 6 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.

## 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.