

## • HH2323 Water-based superdispersant

### • Product Data

#### Composition:

Acrylic acid high molecular weight block copolymer containing carboxylic acid.

#### Typical Properties:

Appearance: light color transparent liquid

Odor: slight odor

Effective content: 50%

Ionic form: anion

P H value: 7~8

Compatibility: miscible with water or organic medium and high polar solvents

Amine value: 20mg KOH/g

Type: HH2323

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

### • Applications

#### Special Features and Benefits:

Water-based dispersants are used to produce water-based general color pastes, such as inks, leather, printing inks and coating systems, for resin-free grinding, it can strongly reduce the viscosity of the color paste, high gloss, high transparency, thermal storage stability, increase the coloring power of the pigment, and short grinding time.

### • Recommended Use

1. Grinding of ink color paste.
2. Industrial coatings, leather color paste.
3. Water-based printing inks (flexographic, gravure).
4. Water-based pigments with high content of resin or resin-free system color paste.

### • Addition amount

Total organic pigment: 25%~60%;

Inorganic pigment: 5%~30%;

Transparent pigment with high specific surface area: 30%~80%

\*. The above data is the amount of pigment (%), and the optimal dosage needs to be

determined through a series of tests.

## • Instructions for use

In order to obtain the best performance, the additives should be added to the grinding material first, and then the pigments. Premix the resin and solvent components of the grinding material, and then slowly add the additives under constant stirring. Do not add the pigment before the additives are mixed evenly.

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