



## Wetting dispersant

### Better BD-8104S

#### Product Description:

**Better BD-8104S** It is a controlled flocculation type wetting and dispersing agent for medium to high polarity solvent based coatings, preventing the floating color and blooming of titanium dioxide when mixed with pigments, and containing organic silicon to improve the floating color and blooming behavior.

#### Product specification:

acid value	130 mg KOH/g
density(20℃)	0.99 g/ml
Nonvolatile matter(30min.150℃)	50%
dissolvant	dimethylbenzene
flash point	26℃ (78.8°F)

#### Scope of application:

**Better BD-8104S** It can form a three-dimensional network structure, and this controlled flocculation effectively prevents floating color, blooming, sedimentation, and sagging when titanium dioxide and pigments are mixed; Its compatibility with gasoline solvents is limited; When used as anti-corrosion primer, the anti-corrosion performance has been improved; Containing a small amount of polysiloxane copolymers, it can improve floating color and blossoming, improve surface smoothness and leveling, and orient aluminum powder pigments.

#### Addition amount and usage

pigment	% Activity amount of dispersant
Inorganic pigment	3-10%
Titanium dioxide	0.5-2.5%
Organic pigment	10-20%

The above dosage depends largely on the particle size of the pigment, and the final dosage must be determined through a series of experiments.

Usage: In order to obtain optimal performance, additives must be added to the abrasive before pigment is added.

#### Packaging and storage:

25, 180KG/barrel. The product is not completely used up, the container must be immediately closed!

#### Heavy metal content

Content	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Zn
Ppm	<5	<2.5	<10	<5	<5	<5	<5	<5	<10

