



## Wetting dispersant

### Better BD-8104

#### Product Description:

**Better BD-8104** It is a low molecular weight unsaturated polycarboxylic acid polymer solution with a 50% active content, used as a controlled flocculation type wetting and dispersing agent for medium to high polarity solvent based coatings, to prevent the floating color and blooming of titanium dioxide when mixed with pigments, and to increase the protective performance of coatings when used as anti-corrosion primers.

#### Product specification:

acid value	150 mg KOH/g
density(20℃)	0.95 g/ml
Nonvolatile matter(10min.150℃)	50%
dissolvent	Xylene/Diisobutyl Ketone 9/1
flash point	28℃ (82.4°F)

#### Scope of application:

Better BD-8104 Especially suitable for medium to high polarity paint systems, it is used to prevent the floating color and blooming of titanium dioxide when mixed with pigments. Its compatibility with gasoline solvents is limited. In many cases, when used as an anti-corrosion primer, its anti-corrosion performance has been improved.

#### 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, 185KG/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

