



## wetting dispersant

### Better BD-8343

#### *Product Description:*

**Better BD-8343** It is a high molecular block copolymer type wetting and dispersing agent with a 45% active content. It has wide compatibility in solvent based coating systems and exhibits excellent grinding and dispersing performance for carbon black and organic pigments. It can increase the amount of pigment added in the grinding formula, while still having low viscosity, good fluidity, and long-term storage stability.

#### *Product specifications:*

Appearance	Yellow viscous liquid
Chromaticity	< 5 (Gardner No.)
amine value	10-20 (mg KOH/g)
solvent	Xylene, butyl acetate
proportion	0.99g/cm <sup>3</sup>
boiling point	About 126°C //258.8°F
flash point	> 22°C/71.6°F (close cup)

#### *Application scope:*

- 1) Disperse carbon black and organic and inorganic pigments in solvent based systems.
- 2) Automotive paint, industrial paint, plastic paint, universal color paste, etc.

#### *Addition amount and usage method*

Suggested dosage: Dispersal dosage/pigment weight

pigment	%Dispersed dose
inorganic pigment	15-20%
titanium dioxide	4-5%
Organic pigments	30-60%
carbon black	80-100%
High specific surface area carbon black	80-120%

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

#### *usage:*

Pre mix the carrier resin with the solvent, and then slowly add Better BD-8343 to the grinding material under stirring to dissolve evenly. Add pigments while stirring, and then proceed with the grinding operation.

It is also suitable for adding processing after high shear.

#### *Packaging and Storage:*

All the information above is based on latest empirical data obtained at BETTER laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.



25、200 kg/ barrel , Keep away from ignition sources and place in a cool and ventilated place;

Keep away from ignition sources and place in a cool and ventilated place at low temperatures for storage and transportation. Layering and turbidity may occur. Before use, heat to 20 °C and mix thoroughly;

One year under normal storage conditions;

***Heavy metal content:***

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