



## wetting dispersant

### Better BD-8341

#### *Product Description:*

**Better BD-8341** It is a 70% active high molecular weight dispersant with good compatibility with CAB. In solvent based coating systems, it exhibits excellent grinding and dispersion performance for carbon black and organic pigments, which can increase the amount of color powder added in the grinding formula. At the same time, it still has low viscosity, good fluidity, and long-term storage stability.

#### *Product specifications:*

Product specifications	Yellow viscous liquid
Chromaticity	< 6 (Gardner No. )
Solvent	butyl acetate
Specific gravity	0.93g/cm <sup>3</sup>
Boiling point	Approximately 126 °C/258.8 °F
Flash point	>22°C/71.6°F

#### *Application scope:*

- 1) Disperse and grind high specific surface area carbon black and organic pigments in a solvent based system.
- 2) Automotive paint, industrial paint, and plastic paint.

#### *Addition amount and usage method*

Suggested dosage: Surface area of pigment (m<sup>2</sup>/g) ÷ 5=% Dispersant activity/pigment weight

pigment	%Dispersant activity
Organic pigments	8-12%
carbon black	10-40%
High specific surface area carbon black	40-100%

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:*

**Better BD-8341** Add to the grinding base material. If necessary, add a multiplier and stir evenly.

Add pigment in the mixing process, and then proceed with the grinding operation.

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***Packaging and Storage:***

25、 200 kg/ Bucket.

Keep away from ignition sources and place in a cool and ventilated place.

Under normal storage conditions, it is one year.

***Heavy metal content:***

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