



## wetting dispersant

### Better BD-8310

#### *Product Description:*

**Better BD-8310** It is a high molecular weight dispersant with a 50% active content, and has 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:*

appearance	Yellow viscous liquid
Chromaticity	<6 (Gardner No.)
Solvent	butyl acetate
Specific gravity	0.95g/cm <sup>3</sup>
Boiling point	About 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 are particularly recommended in automotive repair 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-8310** 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

#### *Packaging and Storage:*

25, 200 kg/ barrel

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

One year under normal storage conditions

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*Heavy metal content:*

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