



## Wetting dispersant

### Better BD-8140A

#### *Product Description:*

**Better BD-8140A** Dispersant is a non alkylphenol type interfacial active agent for paints and inks. It is commonly used in water and oil. It exhibits excellent grinding and dispersion properties for inorganic pigments such as titanium dioxide, iron oxide, and matte powder, and can increase the amount of toner added to the formula. At the same time, it still has low viscosity, good fluidity, and storage stability.

#### *Product specification:*

appearance	Light yellow viscous liquid
Active content %	100
tone (Garnder No. )	< 3
boiling point	> 300°C (溶剂) / 572°F
Flash point	> 100°C (溶剂) / 212°F

#### *Scope of application:*

- 1) Dispersion of titanium dioxide, matte powder, and inorganic pigments for paints and inks;
- 2) Both water-based and oily.

#### *Addition amount and usage:*

Addition amount: pigment surface area (m<sup>2</sup>/g) ÷ 5=% dispersant activity/pigment weight

Better BD-8140	1.0
Cyclohexanone (CY)	12.0
Cyclohexanone (MEK)	12.0
Cyclohexanone	65.0 (HUNTSMAN TR-92)
PU resin	10.0 (dry-type PU)
total	100.0

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

#### *Storage packaging:*

25、200 kg/ barrel.

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

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