



Wetting dispersant

Better BD-8111

Product Description:

Better BD-8111 Dispersant is an alkylphenol free surfactant for paints and inks, which is commonly used in water and oil. It exhibits excellent grinding and dispersion properties mainly for inorganic pigments such as titanium dioxide, iron oxide, and matte powder. It can increase the amount of pigments and fillers added to the formula, while still having 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 (dissolvant)/ 572°F
Flash point	> 100°C (dissolvant)/ 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 (m²/g) ÷ 5=% dispersant activity/pigment weight

BetterBD-8111	1.0
Cyclohexanone (CY)	12.0
Methyl ethyl ketone (MEK)	12.0
Titanium dioxide	65.0 (HUNTSMAN TR-92)
PU resin	10.0 (dry-typePU)
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



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.