



## Organic pigments and carbon black water-based dispersants

### Better BWD-8274

#### *Product Description:*

**Better BWD-8274** A non ionic wetting dispersant containing APEO, used in water-based coating systems, printing inks, and adhesives. It is a standard additive used for resin free pigment concentrated slurry. Suitable for various organic pigments. It has a strong viscosity reducing effect, low foaming, no need to add defoamers during the grinding process, and can improve the gloss. Especially for organic pigments and carbon black, it has excellent color development effects.

#### *Product specifications:*

|                                          |                       |
|------------------------------------------|-----------------------|
| Appearance                               | Yellow flowing liquid |
| Non volatile matter (10 minutes, 150 °C) | 90%                   |

#### *Application Information:*

Water-based inks, coatings, and water-based universal color pastes.

#### *Features and Benefits:*

This additive stabilizes the pigment by steric hindrance, and due to its small particle size, it can achieve high gloss and enhance color strength. In addition, the transparency of transparent pigments and the covering power of opaque pigments are also improved. Due to the decrease in viscosity, the flowability is improved and the pigment content can be increased. This additive is particularly suitable for producing stable resin free pigment shrinkage, with a pigment content of 30-60%. These pigment concentrates can be used for mixing paints with standard water-based substrates.

#### *application area :*

|                              |   |
|------------------------------|---|
| Industrial coatings          | ● |
| Automotive Coatings          | ● |
| Leather coating              | ● |
| Anticorrosive coating system | ● |
| Water-based adhesive         | ● |
| water-base ink               | ● |

●——Special recommendation; ○——recommendation

This additive is also recommended for producing stable and versatile pigment



concentrates。

***Addition amount and usage method:***

Additive dosage (purchased form) based on pigments:

|                  |         |
|------------------|---------|
| Organic pigments | 10%—30% |
| Carbon black     | 10%—40% |

The above data is empirical dosage, and the optimal dosage needs to be determined through a series of experiments.

***usage:***

Grinding can only be carried out in water and grinding resin. Mix the additives with water, and then add pigments only after the additives are fully and evenly dispersed。

***Packaging specifications and storage:***

25kg inner coated iron bucket, 180kg ring plastic bucket

When stored or transported at temperatures below 0 °C, stratification, turbidity, or paste formation may occur. Heat to 20 °C and stir evenly before use.

***Heavy metal content:***

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