

KOBOND™ 8110

Wetting & Dispersing Additive

INTRODUCTION

KOBOND™ 8110 is a solution of a copolymer with acid groups. It is used as wetting and dispersing additive for solvent-borne and solvent-free coatings and printing inks for stabilizing inorganic pigments, in particular titanium dioxide. Strong reduction of millbase viscosity.

TYPICAL PHYSICAL PROPERTIES

Color and Appearance	Light yellow clear liquid
Solvent:	Dipropylene Glycol Methyl Ether Acetate
Active Ingredient	50%
Flash Point	>60°C
Density _{25°C}	1.03~1.07g/ml
Viscosity _{25°C}	F~P (Bubble Viscometers)

RECOMMENDED LEVELS

The recommended dosage as below:

- | | |
|--|-----------|
| <input type="checkbox"/> Inorganic pigment | 5.0~10.0% |
| <input type="checkbox"/> Titanium white | 2.0~4.0% |

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

For optimum performance, the additive must be incorporated into the millbase before addition of pigments.

BENEFITS

KOBOND™ 8110 can deflocculate pigments by steric stabilization. As a result, high levels of gloss can be achieved and the color strength is improved. In addition, KOBOND™ 8110 can reduce the viscosity, improve transparency and increase hiding power. Therefore, the flow characteristics are also improved and higher pigment loading is possible.

KOBOND™ 8110 can reduce haze significantly for inorganic pigmented coatings, which are applied using electrostatic high rotation equipment.

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APPLICATIONS

KOBOND™ 8110 can be used for all solvent-borne and solvent-free coatings and printing inks to stabilize inorganic pigments, specifically titanium dioxide. Its anionic character makes it ideal for acid-catalyzed systems (like coil coatings).

PACKING AND STORAGE

Separation or turbidity may occur at temperatures below 5°C. Warm to 20°C and mix well.

KOBOND™ 8110 is supplied in 25Kg plastic pail / 180Kg steel drum. In the original unopened packaging, KOBOND™ 8110 has a shelf life of 24 months.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.