

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.

BENEFITS / EFFECTS

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.

PHYSICAL PROPERTIES

Color and Appearance	Light yellow clear liquid
Solvent:	Dibasic Ester
Active Ingredient	50%
Flash Point	>60°C
Density 25°C	1.03~1.07g/ml
Viscosity 25°C	F~P (Bubble Viscometers)

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).

RECOMMENDED DOSAGE

The recommended dosage as below:

Inorganic pigment	5.0~10.0%
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 mill base before addition of pigments.

KOBOND™ 8110 Wetting & Dispersing Additive

PACKING

KOBOND™ 8110 is supplied in 25Kg plastic pail / 180Kg steel drum.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

When stored at temperatures between 10°C and 35°C in the original unopened containers, KOBOND™ 8110 has a shelf life of 24 months from the date of production.

NOTE

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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.