

KOBOND™ 9163 Dispersing Agent

INTRODUCTION

KOBOND™ 9163 is a high molecular weight block aliphatic acrylic polyurethane polymer dispersant with pigment affinic groups.

BENEFITS / EFFECTS

KOBOND™ 9163 has excellent wettability and stability to carbon black and other organic pigments. Especially in black paste, it has a strong effect of reducing viscosity. The carbon black content can be 20% in black paste. The viscosity of paste is similar to the viscosity of monomer, without false thickening.

KOBOND™ 9163 has excellent weather resistance, excellent color showing, high gloss, good storage stability, not easy to be rough. It can be used for high-grade automotive coatings and outdoor weather resistant coating systems.

KOBOND™ 9163 has good compatibility with most oil-based resins and is completely suitable for low, middle and high polar systems.

KOBOND™ 9163 can participate in the film-forming reaction of coating systems, it will not affect the final performance of the product.

KOBOND™ 9163 is easy to form hydrogen bond with resins, and has good anti-settling, and anti-float function.

PHYSICAL PROPERTIES

Color and Appearance:	Yellowish transparent liquid
Content:	50%
Solvents:	PMA/PMB

APPLICATIONS

KOBOND™ 9163 is suitable for use in solvent-based coatings, inks and paint systems. It has broad compatibility with general-purpose solvent-based pigment concentrates based on aldehyde and acrylate grinding resins.

KOBOND™ 9163 can be used to produce high quality pastes and color paints.

RECOMMENDED DOSAGE

The recommended dosage as below:

KOBOND™ 9163 Dispersing Agent

Inorganic pigment	5~20%
Organic pigment	20~50%
Carbon black	50~100%

The additive should be incorporated into the mill base before the addition of pigments.

PACKING

KOBOND™ 9163 is supplied in 25Kg and 50Kg Pail.

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™ 9163 has a shelf life of 12 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.

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