

KOBOND™ 3073 Dispersant

INTRODUCTION

KOBOND™ 3073 is a new generation block copolymer dispersant developed by controlled polymerization technology. It contains multiple anchoring groups that strongly adsorb onto various pigments, especially carbon black, significantly reducing mill-base viscosity and improving pigment loading. It provides excellent anti-flocculation ability and ensures long-term storage stability of finished pigment concentrates.

BENEFITS / EFFECTS

- Strong anchoring effect on organic pigments and carbon black
- Significant viscosity reduction at high pigment loading
- Excellent dispersion stability, prevents re-flocculation
- Improves gloss, color strength, and transparency
- Good compatibility with medium- to high-polarity resin systems

PHYSICAL PROPERTIES

Appearance	Red brown liquid
Density (25°C)	1.10
Active Content	50%
Solvent	Mixed diesters

These values are typical and are not intended for use as specifications

APPLICATIONS

KOBOND™ 3073 is suitable for use in a wide range of industrial and automotive coatings, including OEM and refinish systems, and is particularly effective in high-performance pigment concentrates such as resin-free pigment concentrates (RFPC). It shows excellent compatibility with medium- to high-polarity resin systems and provides outstanding dispersion stability for inorganic pigments, organic pigments, and especially carbon blacks.

RECOMMENDED DOSAGE

5-15% based on inorganic pigments
30-50% based on organic pigments, and
50-100% for carbon blacks depending on their surface area.

KOBOND™ 3073 should be incorporated into the mill base prior to pigment addition. The above recommended levels can be used for orientation. The optimal dosage should be determined through laboratory evaluation.

PACKING

KOBOND™ 3073 is supplied in 25kg pails.

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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 kept in tightly sealed containers in a dry and cool place, KOBOND™ 3073 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.

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