

# KOBOND™ 3116 Dispersant

## INTRODUCTION

KOBOND™ 3116 is a polymeric dispersant based on a copolymer containing pigment-affinity functional groups, developed for use in waterborne coating systems.

## BENEFITS / EFFECTS

- Polymeric dispersant for waterborne systems
- Suitable for organic and inorganic pigments
- Low foaming behavior
- Effective viscosity reduction
- Improves pigment dispersion and paint film appearance
- Suitable for high-solids systems and difficult-to-disperse pigments

## PHYSICAL PROPERTIES

Appearance	Yellowish clear liquid
Active Content	40%

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

## APPLICATIONS

KOBOND™ 3116 is suitable for use in waterborne coating systems for the dispersion of both organic and inorganic pigments. It effectively reduces system viscosity while helping to maintain low foaming behavior during processing. The dispersant contributes to improved pigment wetting and dispersion efficiency, leading to enhanced paint film build and appearance.

KOBOND™ 3116 is particularly recommended for high-solids formulations and for pigments that are difficult to disperse, including carbon black.

## RECOMMENDED DOSAGE

The recommended dosage of KOBOND™ 3116 varies based on the application system:

Organic pigments	20%-50%
Carbon black	40%-100%

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

It should be added before the grinding stage during the production.

## KOBOND™ 3116 Dispersant

### PACKING

KOBOND™ 3116 is supplied in 25Kg 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™ 3116 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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