

KOBOND™ 3019 Dispersing Agent

INTRODUCTION

KOBOND™ 3019 is a polymeric dispersant containing acidic functional groups, developed for polar coating systems. It is designed for the dispersion of inorganic pigments and fillers in water-based and solvent-based formulations.

BENEFITS / EFFECTS

- Polymeric dispersant with acidic functional groups
- Suitable for water-based and solvent-based systems
- Suitable for polar to medium-polar systems
- Excellent wetting and dispersion for inorganic pigments and fillers
- Effectively reduces mill viscosity
- Increases pigment loading in color pastes
- Helps prevent flocculation and viscosity increase during storage
- Good compatibility with many kinds of resins

PHYSICAL PROPERTIES

Color and Appearance	Yellow transparent liquid
Active Content	100%

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

APPLICATIONS

KOBOND™ 3019 is suitable for use in water-based and solvent-based coating systems. It is particularly effective for dispersing inorganic pigments such as titanium dioxide and other mineral fillers. The dispersant improves wetting efficiency, reduces viscosity during grinding, and enhances pigment loading in millbases.

In finished color pastes, KOBOND™ 3019 helps maintain dispersion stability and reduces the risk of flocculation or viscosity increase during storage.

RECOMMENDED DOSAGE

KOBOND™ 3019 is generally recommended to be added before the grinding stage.

Typical dosage levels, based on pigment weight, are:

- Inorganic pigments: 1-5%
- Titanium dioxide: 2-4%

The optimal dosage should be determined by formulation testing. For color adjustment or improved color acceptance, post-addition may also be

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evaluated.

PACKING

KOBOND™ 3019 is supplied in 25Kg Pail or 200Kg 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™ 3019 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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