

# KOBOND™ 9023 Rheology Modifier

## INTRODUCTION

KOBOND™ 9023 is an aqueous dispersion of an acrylic copolymer designed as a cost-effective, high-performance rheology modifier for water-based coating systems. It functions as a synthetic alkali-swellable thickener, providing efficient low-shear viscosity build and yield value development. The product improves storage stability, anti-settling behavior, and application properties in interior architectural and industrial coatings.

## BENEFITS / EFFECTS

- Synthetic alkali-swellable acrylic thickener (ASE)
- Efficient low-shear viscosity and yield value build
- Improves anti-settling and in-can stability
- Enhances film build, leveling, and sag resistance
- Resistant to microbial and enzymatic degradation
- Easy handling and incorporation into formulations

## PHYSICAL PROPERTIES

Appearance	White emulsion
Active Content (%):	30
Solvent:	Water

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

## APPLICATIONS

KOBOND™ 9023 is suitable for a wide range of water-based coating systems, including interior architectural coatings, industrial coatings, flat to semi-gloss latex paints, textured coatings, and heavily filled formulations.

## RECOMMENDED DOSAGE

KOBOND™ 9023 should be used in formulations with a final pH above 7 to achieve swelling. Optimal thickening efficiency is typically obtained at pH 8.0-9.0 after neutralization with suitable alkaline agents such as amine, sodium hydroxide, or ammonium hydroxide. The product can be added at any stage of the production process. Typical addition levels range from 0.5–5.0% based on total formulation weight, depending on the desired rheological profile and formulation design.

## PACKING

KOBOND™ 9023 is supplied in 25Kg pails.

## HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data

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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

KOBOND™ 9023 should be stored in its original, tightly sealed packaging between 5-40°C, protected from direct sunlight and frost. Freezing may cause irreversible damage to the product. Once opened, containers should be resealed immediately after use. Under proper storage conditions, the product has a shelf life of 6 months from the production date.

### 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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