

# KOBOND™ 9031 Rheology Modifier

## INTRODUCTION

KOBOND™ 9031 is a modified polyurea-based rheology additive designed for use in solvent-borne and solvent-free coatings and printing ink systems. It provides strong thixotropic flow behavior, effectively preventing pigment settling and sagging during storage and application. KOBOND™ 9031 is particularly suitable for improving anti-settling and anti-sagging properties without impairing leveling.

## FEATURES & BENEFITS

- Strong thixotropic behavior
- Excellent anti-settling and anti-sagging properties
- Maintains good leveling and surface appearance
- Suitable for solvent-borne, solvent-free coating, and ink systems

## PHYSICAL PROPERTIES

Appearance	Light yellow transparent liquid
Ingredient	Polyurea compound
Active content	50%
Solvent	N-Methylpyrrolidone (NMP)

## APPLICATIONS

KOBOND™ 9031 is recommended for use in industrial solvent-borne primers, solvent-free coatings, and printing ink systems where enhanced thixotropy, sedimentation prevention, and anti-sagging performance are required.

## RECOMMENDED DOSAGE

For anti-settling: 0.1-1.0% based on total formulation weight  
For anti-sagging: 0.5-3.0% based on total formulation weight  
The optimal dosage should be determined through laboratory testing based on specific formulation characteristics.

## USAGE GUIDELINE

KOBOND™ 9031 should be added slowly while stirring under moderate shear to achieve a homogeneous distribution. It can be incorporated during the grind phase or post-added for viscosity adjustment.

If used in combination with driers (siccatives), discoloration may occur due to the formation of metal complexes. In such cases, the rheological effectiveness should be evaluated through preliminary testing.

## PACKING

KOBOND™ 9031 is supplied in 25Kg pail.

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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 stored at temperatures between 10°C and 35°C in the original unopened containers, KOBOND™ 9031 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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