

KOBOND™ 9012 Urethane Rheology Modifier

INTRODUCTION

KOBOND™ 9012 is a non-ionic hydrophobically modified ethylene oxide urethane (HEUR) rheology modifier designed to enhance the performance of interior and exterior latex coatings.

It provides exceptional flow and leveling properties with robust film formation, gloss enhancement, and efficient thickening capabilities.

It can be synergistically integrated with a high-shear builder to achieve optimal balance between high and low shear viscosity in matte to gloss formulations.

BENEFITS / EFFECTS

- Strong rheological performance
- Excellent anti-setting and anti-sagging properties
- Good thickening efficiency and spatter resistance.
- Easy to operate and incorporate during manufacturing process.

PHYSICAL PROPERTIES

Ingredient	Modified ethylene oxide urethane (HEUR)
Appearance	Yellowish turbid liquid
Active Content	20%
Solvent	Water/BCS

APPLICATIONS

- Water-based coating system

RECOMMENDED DOSAGE

The dosage of KOBOND™ 9012 is 0.5-2.0% of the total dosage when used as anti-setting agent and 0.5-2.0% of the total dosage when used as anti-sagging agent.

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

It is recommended to add in the last step of manufacture.

PACKING

KOBOND™ 9012 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

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hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SINOPCC customer service.

STORAGE

When stored at temperatures between 10°C and 35°C in the original unopened containers, KOBOND™ 9012 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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