

# KOBOND™ 5410 Defoamer

## INTRODUCTION

KOBOND™ 5410 is a silicone-free defoamer based on acrylate copolymer. It is designed for solvent-borne and solvent-free coatings, providing strong foam suppression, breaking, and release effects. It exhibits good compatibility, reduces surface defects such as craters, and ensures safe performance in high-viscosity systems.

## BENEFITS / EFFECTS

- Strong defoaming, antifoaming, and deaeration performance
- Improves flow and film leveling in coatings
- Effective in high-viscosity formulations
- Minimizes microfoam entrapment during stirring
- Provides smooth, defect-free surface in thick-film applications
- Good compatibility with minimal risk of cratering

## PHYSICAL PROPERTIES

Ingredient	Acrylic copolymer
Appearance	Light yellow transparent liquid
Active content	100%

Note: These values are typical and are not intended for use as specifications

## APPLICATIONS

KOBOND™ 5410 is recommended for use in a wide range of solvent-based and solvent-free coating systems such as 2K polyurethane, amino baking enamels, nitrocellulose dipping lacquers, acid-curing amino systems, and epoxy coatings. It effectively suppresses and eliminates foam even in high-viscosity formulations, ensuring smooth, defect-free film surfaces in both thin and thick film applications.

## RECOMMENDED DOSAGE

The recommended addition level is 0.1-1.0% based on the total formulation weight. For best performance, incorporate the additive prior to grinding under sufficient shear to ensure uniform distribution. The optimum dosage should be established through laboratory trials according to the specific formulation and application requirements.

## PACKING

KOBOND™ 5410 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

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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

Keep in dry, cool and well-ventilated place. When stored at temperatures between 10°C and 35°C in the original unopened containers, KOBOND™ 5410 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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