

KOBOND™ 5427 Defoamer

INTRODUCTION

KOBOND™ 5427 is a polymer-based, non-silicone defoamer designed for water-based coating systems. It provides strong defoaming and deaeration performance at very low dosages without adversely affecting gloss or recoating properties. The product is free of silicones, mineral oil, and VOCs, and is especially suitable for high-quality architectural coatings. It is stable over a wide pH range and shows good compatibility in most water-based formulations.

BENEFITS / EFFECTS

- Non-silicone, polymer-based defoamer
- Strong defoaming and deaeration at very low dosage
- Does not affect gloss or recoating performance
- Suitable for VOC-free systems
- Stable to acids and alkalis, usable in pH 3–12
- Free of alkylphenol ethoxylates

PHYSICAL PROPERTIES

Component	Non-silicon polymer solution
Appearance	Milky white liquid
Active Content	100%

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

APPLICATIONS

KOBOND™ 5427 is suitable for water-based coatings, printing inks, and dispersion adhesives. It is especially recommended for architectural coatings, including emulsion paints and plasters with PVC levels from 30 to 85. The product may cause turbidity or seeding in clear coatings.

RECOMMENDED DOSAGE

KOBOND™ 5427 can be added at any stage of production; sufficient shear must be applied to ensure uniform dispersion.

Typical addition levels are 0.1-1.0% (as supplied) based on total formulation weight.

Optimal dosage should be determined by laboratory testing.

PACKING

KOBOND™ 5427 is supplied in 25kg pails.

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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

Keep in dry, cool and well-ventilated place. When stored at temperatures between 10°C and 35°C in the original unopened containers, KOBOND™ 5427 has a shelf life of 24 months from the date of production.

Separation may occur during storage; mix well before use.

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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