

KOBOND™ 5433 Silicone Free Defoamer

INTRODUCTION

KOBOND™ 5433 is a silicone-free, polymer-based defoamer for radiation-curable coatings and printing inks. It provides effective defoaming and deaeration together with good compatibility and recoatability.

KOBOND™ 5433 is particularly suitable for curtain coating without impairing curtain stability. It can also be used in unsaturated polyester and other suitable thermosetting resin systems.

FEATURES & BENEFITS

- Silicone-free
- Effective defoaming and deaeration
- Good compatibility in radiation-curable systems
- Good recoatability
- Suitable for curtain coating
- Suitable for unsaturated polyester systems

PHYSICAL PROPERTIES

Appearance	Clear brown liquid
Density (25°C)	0.95
Non-volatile matter	97.0%

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

APPLICATIONS

KOBOND™ 5433 is recommended for:

- Radiation-curable coatings
- Radiation-curable printing inks
- Curtain-coating systems
- Unsaturated polyester systems

USAGE GUIDELINES

Recommended addition level: 0.3–1.0% as supplied, based on the total formulation.

KOBOND™ 5433 can be added at any stage of production. For optimum performance, addition before or during the grinding stage is recommended.

Due to its relatively high viscosity, sufficient shear is required for uniform incorporation. Grinding or high-speed dispersion after addition is

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recommended. When post-added, ensure sufficient shear to obtain uniform distribution and minimize the risk of cratering.

The optimum addition level depends on the formulation and application conditions and should be determined by appropriate testing.

PACKING

KOBOND™ 5433 is supplied in 25Kg pail or 180Kg drum.

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 in the original unopened containers, KOBOND™ 5433 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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