

KOBOND™ 5429 Defoamer

INTRODUCTION

KOBOND™ 5429 is a highly efficient silicone-free defoamer based on polymer technology, offering excellent compatibility as well as long-lasting defoaming and anti-foaming performance. It is particularly suitable for unsaturated polyester, epoxy, 2K polyurethane, UV-curable systems, and a wide range of solvent-borne and solvent-free coatings and inks. The product effectively eliminates foam generated during production and application, preventing surface defects such as pinholes and craters.

BENEFITS / EFFECTS

- Silicone-free system with excellent compatibility and recoatability
- Strong defoaming and anti-foaming performance
- Effective in high-viscosity and high-solids systems
- Rapid release of microbubbles, improving film leveling and gloss.
- Long-lasting efficiency at low dosages.

PHYSICAL PROPERTIES

Appearance	Light yellow transparent liquid
Solid Content	40%
Solvent	Solvent naphtha

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

APPLICATIONS

KOBOND™ 5429 is widely used in unsaturated polyester (SMC/BMC gel coats, synthetic marble), epoxy potting compounds, 2K polyurethane systems, UV-curable coatings, solvent-borne/solvent-free industrial coatings, wood coatings, protective coatings, as well as screen, UV, and transfer inks. It provides effective foam control during manufacturing and application, ensuring smooth surface quality.

RECOMMENDED DOSAGE

The recommended dosage is 0.1-1.0% of total formulation weight. In special high-foam systems, levels up to 1.5% may be required. For optimal performance, addition during the grinding stage is advised; if post-added, sufficient shear force should be applied to ensure uniform dispersion.

PACKING

KOBOND™ 5429 is supplied in 25kg pails and 200Kg drums.

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™ 5429 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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