

KOBOND™ 3094 Dispersant

INTRODUCTION

KOBOND™ 3094 is a sodium salt of hydrophobically-modified copolymer. It offers excellent pigment wetting, outstanding dispersion stability, and long-term anti-flocculation performance in waterborne coating systems. The product is highly effective for inorganic pigments and provides good water resistance and gloss development. It is especially suitable for use in resin-free pigment concentrates and can improve compatibility across a wide range of formulations.

BENEFITS / EFFECTS

- High-performance polymeric dispersant
- Excellent pigment wetting and dispersion stability
- Prevents pigment flocculation and settling
- Effective in resin-free pigment concentrates
- Suitable for a wide range of inorganic pigments
- Promotes gloss and hiding power

PHYSICAL PROPERTIES

Ingredient	Copolymer with pigment affinity group
Appearance	Light yellow transparent liquid
Solid Content	Approx. 25%
Solvent	Water

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

APPLICATIONS

- Waterborne coatings
- Pigment concentrates (resin-free and resin-containing)
- Acrylic, acrylic-styrene, and vinyl-acrylic systems
- Interior and exterior flat, low-sheen, and gloss paints

RECOMMENDED DOSAGE

KOBOND™ 3094 is typically used at 1% to 5% based on the total weight of inorganic pigment. It can be added directly to the water phase prior to pigment incorporation and should be mixed thoroughly to ensure full activation. Pre-testing is recommended to determine the optimal dosage for specific systems.

PACKING

KOBOND™ 3094 is supplied in 25Kg pail.

HANDLING

This document does not contain the product safety information required for

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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

KOBOND™ 3094 shall be stored at temperatures between 1°C and 49°C in tightly sealed containers in ventilated condition. Avoid freezing of the material. Keep away from heat sources. Under such conditions, KOBOND™ 3094 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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