KOBOND™ 4019 Chlorinated Polypropylene Adhesion Promoter

INTRODUCTION

KOBOND™ 4019 is a modified chlorinated polypropylene adhesion promoter designed to improve the adhesion of solvent-borne coatings to polypropylene and other polyolefin substrates. Its modified polymer structure contains reactive functionality that enhances interaction with compatible binder systems, particularly polyurethane, providing effective anchoring between the coating and substrate. It can also contribute to improved water and salt-spray resistance of the coating.

BENEFITS / EFFECTS

- Improves adhesion to polypropylene and polyolefin substrates
- Good interaction with polyurethane and compatible binders
- Helps improve water and salt-spray resistance
- Effective at low addition levels

PHYSICAL PROPERTIES

Appearance	Yellow transparent liquid
Non-volatile content, wt%	20
Solvent	Aromatic solvent naphtha

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

APPLICATIONS

KOBOND™ 4019 is recommended for solvent-borne coating systems where improved adhesion to polypropylene and other polyolefin substrates is required. It can be incorporated directly into coating formulations as an adhesion-promoting additive or used as a component of primer formulations for difficult-to-adhere polyolefin surfaces.

It is particularly suitable for polyurethane-containing and other compatible resin systems where improved interfacial adhesion is required. Suitability for specific substrates and coating systems should be confirmed by application testing.

RECOMMENDED DOSAGE

When used as an additive, KOBOND™ 4019 can be incorporated directly into the coating formulation under adequate agitation. A typical addition level is 0.2-2.0% based on the total formulation weight.

When used in a primer formulation, KOBOND™ 4019 may be diluted with a compatible solvent to the desired application solids and applied as a thin,

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uniform film. The substrate should be clean, dry and free from oil, grease, mold-release residues and other contaminants. Allow the primer film to dry sufficiently before applying the topcoat.

Optimum addition level should be determined through laboratory trials.

PACKING

KOBOND™ 4019 is supplied in 25 Kg 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 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 original unopened containers in a cool, well-ventilated place away from heat sources, KOBOND™ 4019 has a shelf life of 24 months from the date of manufacture.

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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