

# KOBOND™ 4013 Reactive Polyester Adhesion Promoter

## INTRODUCTION

KOBOND™ 4013 is a reactive polyester adhesion promoter designed primarily for thermosetting coating systems. It shows good compatibility with melamine-crosslinked coatings and promotes adhesion to difficult metal substrates such as aluminum, zinc, stainless steel and electroplated surfaces.

KOBOND™ 4013 can also improve film flexibility and impact resistance while enhancing water and salt-spray resistance. It provides good color stability under elevated baking temperatures.

## BENEFITS / EFFECTS

- Promotes adhesion to difficult metal substrates
- Improves flexibility and impact resistance
- Enhances water and salt-spray resistance
- Good compatibility with melamine-crosslinked systems
- Good color stability during high-temperature baking

## PHYSICAL PROPERTIES

|                                    |                                  |
|------------------------------------|----------------------------------|
| Appearance                         | Colorless to yellow clear liquid |
| Density at 25°C, g/cm <sup>3</sup> | 1.17                             |
| Non-volatile content, wt%          | Min. 90                          |

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

## APPLICATIONS

KOBOND™ 4013 is recommended for acrylic/melamine, alkyd/melamine and polyester/melamine baking coatings as well as two-component polyurethane coatings. It is particularly effective for improving adhesion to aluminum, zinc, stainless steel and electroplated metal surfaces. KOBOND™ 4013 is not recommended for air-drying coating systems.

## RECOMMENDED DOSAGE

The recommended dosage of KOBOND™ 4013 is 0.1-5.0%, based on the total formulation. Optimum addition level should be determined through laboratory trials.

## PACKING

KOBOND™ 4013 is supplied in 25 Kg pails and 200 Kg 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

## **KOBOND™ 4013 Reactive Polyester Adhesion Promoter**

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 the container tightly closed and store in a cool, dry and well-ventilated place.

KOBOND™ 4013 has a shelf life of 24 months from the date of manufacture in the original unopened packaging.

### **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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