

# KOBOND™ 9126 Amino Methyl Propanol

## INTRODUCTION

KOBOND™ 9126 is a versatile, multifunctional chemical additive widely used in industrial and consumer applications, particularly in coatings, paints, and personal care formulations. KOBOND™ 9126 is used as a pH adjuster, corrosion inhibitor in water-based alkyd, water-based epoxy ester and acrylic emulsion system.

## FEATURES & BENEFITS

- Efficient alkaline pH adjuster in water-based systems
- Low odor & Low VOC
- Corrosion protection

## CHEMICAL NAME

2-Amino-2-Methyl-1-Propanol

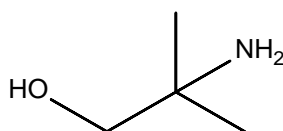
## CAS NUMBER

124-68-5

## EINECS NUMBER

204-709-8

## CHEMICAL STRUCTURE



## CHEMICAL FORMULA

C<sub>4</sub>H<sub>11</sub>NO

## MOLECULAR WEIGHT

89.14

## PHYSICAL PROPERTIES

Appearance	Colorless transparent liquid
Boiling point (°C, 760mmHg)	139
Flash point (°C)	85
Neutral equivalent (%)	93~97
Secondary amine (%)	Max.7
Density (25°C)	0.9387
pH ASTM (25°C, 0.1M in H <sub>2</sub> O)	11.0~12.0

## APPLICATIONS

In latex emulsion paints, KOBOND™ 9126 is not only a very effective pigment co-dispersant, but also provides pH stability, low odor, and corrosion protection.

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KOBOND™ 9126 performs well as an emulsifier for polyethylene and waxes using both conventional and pressurized emulsification techniques.

In addition, KOBOND™ 9126 is an excellent amine compound that neutralizes the carboxylic acid groups in acid-functional resins, making them suitable for waterborne coatings and other waterborne applications. Coatings formulated with KOBOND™ 9126 exhibit better gloss and water resistance than other neutralizing amines.

In boiler water systems, KOBOND™ 9126 is an effective amine additive for CO<sub>2</sub> removal and corrosion control.

As a high-performance alkanolamine, KOBOND™ 9126 has proven to be a versatile metalworking fluid additive. It not only significantly enhances alkalinity, but also has excellent corrosion and antimicrobial properties, is resistant to microbial degradation, and does not cause cobalt leaching in carbide tools.

KOBOND™ 9126 also improves the efficacy of triazine biocides and reduces airborne formaldehyde levels, and unlike other amines, it does not cause ammonia gas emissions.

In the personal care field, KOBOND™ 9126 is an important additive that is compatible with nearly all styling resins. Its high basicity and low molecular weight allow formulators to use less when neutralizing resins. It can also be used to neutralize carbomer resins, emulsify with stearic acid, and produce amides and other derivatives for cosmetic use (CTFA/INCI name: aminomethyl propanol).

Finally, KOBOND™ 9126 also works well in dilute aqueous solutions containing small amounts of formaldehyde, effectively scavenging formaldehyde that could be released into the atmosphere.

### PACKING

KOBOND™ 9126 is supplied in 200Kg drum.

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### 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 at room temperature in the original unopened containers, KOBOND™ 9126 has a shelf life of 12 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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