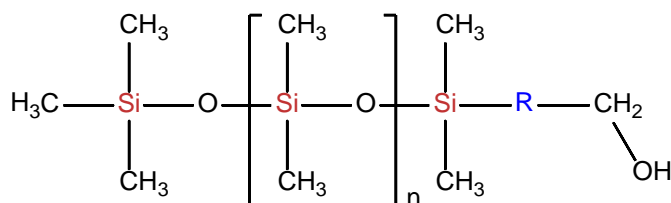


ADDSiL™ 2008 Mono-Hydroxy Reactive Silicone

INTRODUCTION

ADDSiL™ 2008 is a mono-hydroxy functionalized silicone copolymer featuring a primary hydroxymethyl (-CH₂OH) terminal group. This functional group exhibits significantly higher reactivity than conventional silanol-terminated silicones. Through reaction with isocyanates, it allows the incorporation of silicone segments into polyurethane systems, enhancing properties such as flexibility, water resistance, surface smoothness, and weatherability.

CHEMICAL STRUCTURE



KEY FEATURES & BENEFITS

- Strong anti-blocking and surface modification effects
- Improves wetting, leveling, and smoothness
- Enhances flexibility, abrasion resistance, and weatherability

PHYSICAL PROPERTIES

Appearance	Transparent liquid
Color	Light yellow
Molecular Weight	About 4,500~5,000
Active Content (%)	100

These values are typical and not intended for specification purposes.

APPLICATIONS

ADDSiL™ 2008 is suitable for use in both waterborne and solventborne systems. It can be added at any stage of the formulation process. Typical use areas include:

- Polyurethane modification
- Release coatings and liners
- Synthetic leather finishing
- Water- and oil-repellent treatments
- Functional additives for anti-fouling or anti-blocking

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RECOMMENDED DOSAGE

The recommended dosage is 0.1% ~ 5.0% of the total formulations. The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

PACKING

ADDSiL™ 2008 is available in 25Kg pails.

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 temperatures between 10°C and 35°C in the original unopened containers, ADDSiL™ 2008 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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