

KOLARY™ C57 Crosslinking Agent

INTRODUCTION

KOLARY™ C57 is a high-performance crosslinking agent designed to enhance the durability of water and oil repellent finishes. It delivers excellent crosslinking efficiency across a wide range of fabric types.

BENEFITS / EFFECTS

- Improves durability of water and oil repellency
- Suitable for use on all fabric types
- MEKO free
- Non-flammable and safe to handle
- Excellent formulation stability within pH 5.0-6.5
- Compatible with conventional textile finishing processes

PHYSICAL PROPERTIES

Appearance	White to light yellow emulsion
Solid Content (%)	27.0-30.0

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

APPLICATIONS

KOLARY™ C57 can be readily diluted with water and is best applied via padding for optimal results in durable water and oil repellent finishes.

The working solution pH is recommended to be 5.0-6.5.

USAGE GUIDELINES

One padding - One dipping - Curing

The recommended pH for the working solution is 5.0 to 6.5 to ensure optimal stability and performance.

RECOMMENDED DOSAGE

Water and oil repellent	60 - 80 g/L
KOLARY™ C57 Crosslinker	5 - 20 g/L

It is recommended to use after preliminary testing to ensure compatibility and optimal results for your specific fabric and application needs.

IMPORTANT TIPS

- As an **aromatic polyurethane**, complete curing at or above **165 °C** is essential to prevent potential residual aromatic amines.
- When used on **white or light-colored fabrics**, evaluate for yellowing prior to full-scale application.

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- Final process parameters should be optimized through lab testing.
- Use soft water whenever possible; if unavailable, it is recommended to pre-test the water quality to ensure compatibility and performance stability.

PACKING

KOLARY™ C57 is supplied in 25Kg plastic drum.

STORAGE

KOLARY™ C57 has a shelf life of 6 months when stored in its unopened original container at below 40°C in a dry and cool place. While storage beyond the recommended shelf life does not necessarily render the product unusable, it is important to check the product's properties for the intended use to ensure quality and performance, especially for quality assurance purposes.

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 SINOPCC customer service.

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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