

# Loxanol<sup>®</sup> CA 5086



<b>general</b>	Loxanol <sup>®</sup> CA 5086 is a nonvolatile, medium molecular weight coalescing solvent and plasticizer
<b>chemical nature</b>	m,p-cresol propoxylate

## Properties

<b>physical form</b>	clear liquid
<b>shelf life</b>	subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 years.

### typical properties (no supply specification)

acid value	max. 1.0 mg KOH/g
hydroxyl value	~ 129 mg KOH/g
water	max. 0.20 %
boiling point	> 300° F
viscosity at 25°C	~ 100 cps

## Application

Loxanol<sup>®</sup> CA 5086 is a nonvolatile, medium molecular weight coalescing solvent specifically designed for plasticizing acrylic emulsion polymers. This plasticizer is compatible with acrylics, epoxies, alkyds, polyesters and phenolic resins. Latex caulks incorporated with Loxanol<sup>®</sup> CA 5086 display excellent elongation and recovery properties. Most formulations can tolerate various loading levels and still provide flexibility without decreasing the caulks ability to adhere to various substrates. It imparts the following properties:

- increases flexibility and toughness
- reduces brittleness
- minimizes water sensitivity
- improves film formation

### recommended concentrations

typical dosage is between 1 to 2 percent Loxanol<sup>®</sup> CA 5086, calculated on total formulation. This provides a good balance of performance and application properties. In cases of resins with higher MFT values higher dosages may be applied.

We recommend to determine the optimum level of Loxanol<sup>®</sup> CA 5086 by laboratory trials to achieve optimum performance.

**Safety**

When handling these products, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

**Note**

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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