

# Silicone Free Defoamer DCA-4941

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 [dcachem.com/portfolio/silicone-free-defoamer-dca-4941](https://dcachem.com/portfolio/silicone-free-defoamer-dca-4941)

## Introduction

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DCA-4941 is a non-silicone defoamer suitable for solvent-based and non-solvent coatings to improve flowability and exhibits the strongest suppression, defoaming, and bubble-breaking effects, especially suitable for high-viscosity coating systems. It also has good compatibility, does not easily produce shrinkage holes, and is safe to use.

## Physicochemical Data

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- Chemical composition: Acrylic copolymer
- Appearance: Light yellow viscous liquid
- Active content: 100%
- Solvent: None

## Product features

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- DCA-4941 is a modified acrylic copolymer that maintains strong defoaming while improving the flowability and smoothness of the coating film.
- Suitable for thick coating environments, solving the problems of easy foaming and blistering during thick coating application, resulting in a smooth coating surface.
- It addresses the challenge of defoaming in high-viscosity systems, prevents the incorporation of air bubbles during mixing, and aids in the release of microbubbles from the paint.

## Application areas

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Used in dual-component PU, amino baking paints, nitro dipping, acid-cured amino, epoxy, and other solvent-based and non-solvent systems.

## Addition Method

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0.1% to 1.0% of the total amount; optimal dosage should be tested. It should be mixed under sufficiently high shear force, recommended to be added before grinding.

## Packaging and storage:

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25KG plastic drum, stored in a cool and dry place.

**Note:** The purpose of this manual is to provide basic product information to technical personnel involved in the development of coatings, inks, pesticides, and other industries. It is intended for research and reference use and does not carry any warranties. Please conduct preliminary tests to assess its suitability.