

# Dispersing agent DCA-6411

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 [dcachem.com/portfolio/dispersing-agent-dca-6411/](https://dcachem.com/portfolio/dispersing-agent-dca-6411/)

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## Introduction

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DCA-6411 is a polymer-type superdispersant containing pigment-affinity groups, suitable for both water and solvent systems. It is particularly effective in dispersing inorganic nano-oxide particles, offering excellent wettability and strong viscosity reduction capabilities, along with long-lasting stability.

## Physicochemical Data

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- Chemical composition: High molecular weight silane copolymer with pigment-affinity groups
- Appearance: Colorless to light yellow liquid
- Active content: 100%
- Solvent: None

## Product features

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- DCA-6411 is suitable for BMC, SMC, and gel coat systems, used to reduce operational viscosity.
- DCA-6411 as a high molecular weight superdispersant, possesses excellent wettability and is versatile for both water and solvent systems.
- DCA-6411 offers exceptionally effective viscosity reduction and strong affinity for inorganic oxide particles.

## Application areas

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Recommended for use in water-based systems, alcohol-soluble systems, and unsaturated polyester systems such as BMC and SMC.

## Addition Method

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The addition amount varies according to the system: 1%-5% for inorganic pigments, and 20-50% for nano inorganic materials. Due to its tendency to hydrolyze, it is advised to use promptly after adding water.

## 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.