

# Dispersant DCA-5146

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 [dcachem.com/portfolio/dispersant-dca-5146](http://dcachem.com/portfolio/dispersant-dca-5146)

## Introduction

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DCA-5146 is a macromolecule hyper-dispersant that exhibits excellent wetting and dispersing abilities for various organic pigments. It reduces the viscosity of the grinding system and increases pigment loading while providing exceptional anti-flocculation capabilities, thereby enhancing the storage stability of the ground color paste.

## Physicochemical Data

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- Chemical composition: Block copolymer of macromolecular with acidic groups
- Appearance: Brown transparent liquid
- Active content: 40%
- Solvent: Solvent naphtha

## Product features

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- DCA-5146 is suitable for medium polarity systems and has good compatibility with common coating resins, making it popular in the coating system.
- DCA-5146 significantly improves the storage stability of ground color paste.

## Application areas

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DCA-5146 is ideal for 2K PU, alkyd, acrylate, polyester, amino baking varnishes, and particularly for photo-curing printing ink systems.

## Addition Method

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Typically, it should be added before the grinding stage, with dosages of 10% to 15% for inorganic pigments, 30% to 90% for organic pigments, and 70% to 100% for carbon black

## Packaging and storage:

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25KG plastic pail, 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.

