



DCA Chemical Technology

# DCA-804S

## Overview

DCA-801 is a solution of high molecular polycarboxylic acid and siloxane. A wetting dispersing agent with excellent anti-flooding and anti-floating ability and flocculation controlled, it has much effect on preventing the flooding and floating when combining the titanium dioxide with other pigment compounded of the mixed paint, meanwhile, it can improve the lining when dispersing matting agent and avoid hard bottom.

## Physical and chemical data

**Chemical component:** high molecular polycarboxylic acid and siloxane solution

Appearance: reddish brown transparent solution

Active content: 50%

Solvent: xylene/MIBK

## Properties

1. It has much effect on preventing the flooding and floating when combining the titanium dioxide with other pigment compounded of the mixed paint
2. As a dispersing agent for matting agent, it can improve the lining of the matting agent, and flatten the paint film
3. It can prevent the hard bottom when the pigment is compounded with other filler

## Application fields

DCA-8904S is suitable for all kinds of solvent-based system, including but not limited to the following:

Alcohol acid system

Acrylic acid system

Amino baking paint

Polyurethane system

Epoxy coating, vinyl coating

## Add method

Added before grinding, dispersing in viscosity close system.

## Dosage

0.5-3% for inorganic pigments amount

0.1-0.9% of total formulation