

Technical Data Sheet

Last revised: 01-2019

DELTA-DC® 4002

DELTA-DC® 4002 is a non-ionic general purpose dispersion control additive for low-end non-aqueous systems with polarity ranging from low to medium. It improves pigment wetting, reduces the time required for the grinding process and stabilizes the pigment dispersion.

Specifications:

Composition	:	Solution of non-ionic surfactant
Solvent(s)	:	White spirit
Appearance	:	Clear brownish liquid
Amine value	:	50-60 mg KOH/g
Active ingredients	:	65%

Methods of analysis can be received upon request

Applications and usage:

Coatings

Due to its particularly good combination of price and performance, **DELTA-DC® 4002** is a very attractive general-purpose dispersion control additive for decorative paints and low-end industrial coatings with polarity ranging from low to medium.

DELTA-DC® 4002 stabilizes titanium dioxide, extenders and other inorganic and organic pigments leading to the following properties:

- Improved color strength
- Reduced viscosity
- Higher pigment loading
- Higher gloss
- Improved pigment dispersion
- Reduced dispersion time

It is especially suited for the following application systems:

- Short-, medium and long-oil alkyds
- Polyesters
- Pigment concentrates for solvent-based decorative paints
- 2-K epoxy and polyurethanes
- Acrylics

White base paints stabilized with **DELTA-DC® 4002** have better color acceptance and do not demonstrate flooding and floating when tinted with universal colorants.

DELTA-DC® 4002 should be added prior to pigment grinding.

0.25-2.0% (delivery form) upon total formulation weight (inorganic and organic pigments).

The optimum addition level will depend on the specific formulation.



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Safety and Handling:

DELTA-DC® 4002 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-DC® 4002 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The production date is indicated on the container.

Packaging:

55 kg and 180 kg non-returnable metallic containers.
