

Technical Data Sheet

Last revised: 01-2019

DELTA-DC® 3013

DELTA-DC® 3013 is a wetting and dispersing additive for solvent-based automotive paints and wood coatings to improve pigment wetting, reduce the grinding time and stabilize the pigment dispersion. **DELTA-DC® 3013** is suitable for stabilizing titanium dioxide and transparent iron oxide. **DELTA-DC® 3013** also finds an application in dispersing different pigments in water based pigment pastes.

Specifications:

Composition	:	Amine neutralized acidic polyester
Appearance	:	Clear yellowish to brownish liquid
Solid content*	:	78-80%
Acid value	:	130-150 mg KOH/g
Amine value	:	95-105 mg KOH/g

*Although the solid content of the product is 78-80% but the product is 100% active.

Methods of analysis can be received upon request

Applications and usage:

DELTA-DC® 3013 stabilizes titanium dioxide and transparent iron oxides in automotive paints (Car Refinish and OEM) and wood coatings leading to the following properties:

- Reduced viscosity
- Higher pigment loading
- Higher transparency
- Improved pigment dispersion
- Reduced dispersion time

White base paints stabilized with **DELTA-DC® 3013** have better color acceptance and do not demonstrate flooding and floating.

DELTA-DC® 3013 should be added prior to the dispersion process.

2.0-5.0% on TiO₂ or extenders

20.0-30.0% on transparent iron oxides

The optimum addition level will depend on the specific formulation.

Safety and Handling:

DELTA-DC® 3013 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet

Storage:

DELTA-DC® 3013 should be stored at temperatures between 5 °C and 32°C. Although **DELTA-DC® 3013** will not freeze under ordinary conditions, best results can be insured if it is kept between the recommended temperatures prior to use. When kept in an original unopened container, it will keep up to 5 year from the date of manufacture.



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Packaging:

50 kg and 180 kg non-returnable metallic containers.
