

Technical Data Sheet

Last revised: **01-2019**

DELTA- FC® 1041

DELTA- FC® 1041 is a silicone defoamer for high gloss solvent-based systems to prevent foam and bubble formation during paint production, filling and application. It is highly efficient and offers optimum defoaming while utilizing only minimal quantities of incompatible substances. It is extremely suitable for brush, roller and airless spray applications where the solvents evaporate quickly and rapid defoaming is required. **DELTA- FC® 1041** is suitable for **coating** and **ink** applications.

Specifications:

Composition	: Solution of foam destroying polysiloxanes
Solvent(s)	: Ethenyl-6-tert-butylhexanoate/Naphtha(petroleum),hydrotreated light
Flashpoint	: > 30 °C
Specific gravity @ 20°C	: ca. 0.875 – 0.885 g/cm ³
Appearance	: Clear – Colorless

Methods of analysis can be received upon request

Applications and usage:

Coatings

DELTA- FC® 1041 has a very wide compatibility, which makes it extremely suitable for use in clear coatings. It is recommended in the following application systems:

- Vinyl, acrylate and chlorinated polymers
- 2-K PU and epoxy coatings
- Industrial and decorative finishes based on medium- or long-oil alkyd resins
- Stoving systems based on alkyd/melamine
- Epoxy floorings

To prevent foaming, **DELTA- FC® 1041** can be added prior to processing. If it is added to the finished product, care must be taken to ensure uniform distribution.

0.1-0.7% on total formulation weight

Printing Inks

DELTA- FC® 1041 is suited for solvent-based formulations. It can be used in solvent-based pigment bases and printing inks.

DELTA- FC® 1041 is particularly effective in nitrocellulose/PU systems and may be used in gravure and flexographic printing.

DELTA- FC® 1041 can be added in the premix stage prior to dispersion. If added post manufacture or press-side, care should be taken to ensure uniform distribution.

0.1-0.7% on total formulation weight



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Safety and Handling:

DELTA-FC® 1041 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-FC® 1041 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 4 years from the date of manufacture. The production date is indicated on the container.

Packaging:

55 kg and 170 kg non-returnable containers
