

Technical Data Sheet



last revised: 9-2009

DELTA-FC® 1021

Silicone-free defoamer with levelling properties for various solvent-based resin systems. DELTA-FC® 1021 functions well during the application of paints and lacquers, and also prevents the entrapment of air during processing steps such as stirring and pumping.

DELTA-FC® 1021 can be used in coatings and printing inks.

Specifications:

Composition	:	Solution of defoaming substances
Solvent(s)	:	Xylene
Specific gravity @ 20°C	:	ca. 0.86 g/cm ³
Flashpoint	:	25 °C
Appearance	:	Clear, slightly yellowish liquid

Methods of analysis can be received upon request

Applications and usage:

►Coatings

DELTA-FC® 1021 is particularly suited for solvent-based coatings if foam formation is an issue when applied by spraying or curtain coating.

DELTA-FC® 1021 is recommended in the following resin systems:

- Polyurethane coatings
- Acid-curable coatings
- Air drying and stoving alkyd paints

In addition DELTA-FC® 1021 helps to prevent surface irregularities and defects due to its levelling properties.

Suggested application fields include machinery paints, industrial and transportation coatings.

DELTA-FC® 1021 should be added at the end of the manufacture of the batch.

0.5-2.0% on total formulation weight

►Printing inks

DELTA-FC® 1021 reduces the accumulation of foam in the ink pan or reservoir during the printing process. It improves levelling and reduces surface irregularities.

DELTA-FC® 1021 may be used in screen, gravure and flexographic printing. It is also suitable for UV-curable formulations.

DELTA-FC® 1021 should be added at the end of the manufacture of the batch. Care should be taken to ensure uniform distribution.

0.5-2.0% on total formulation weight

Safety and Handling:

DELTA-FC® 1021 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-FC® 1021 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:

50 and 170 kg non-returnable metallic container.
