

PRELIMINARY PRODUCT INFORMATION

TYPE

Acrylic flow modifier, without silicone addition

Active substance

approx. 80 % in methoxy propyl acetate

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

TENTATIVE PRODUCT DATA

Determined per batch:

Colour / Appearance VLN 250

colour		colourless to light yellow
appearance		clear

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	500 - 5000
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 150 °C; 2 g)	[%]	80 - 82
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Colour Scale (Hazen) DIN EN ISO 6271-1

Hazen colour value		<= 80
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Refractive Index DIN 53491

refractive index (20 °C)		1,4530- 1,4560
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Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1
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Flash Point DIN EN ISO 1523

flash point approx.	[°C]	55
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class-lightyellow = colourless to light yellow

SPECIAL PROPERTIES AND USE

Flow modifier for solvent borne industrial coatings.

The use of Modaflow Epsilon can significantly improve following coating properties:

- Improve flow and leveling
- Reduce pinholes, fisheyes, craters and orange peel
- Improve substrate wetting
- Maintain or improve substrate adhesion
- Defoam and aid in air release
- Facilitate pigment dispersion

Modaflow Epsilon is also effective in eliminating pinholes and craters in epoxy, polyester, hybrid, urethane, and acrylic based coating systems. Modaflow Epsilon does not contain silicone ingredients.

Quantity to be added: 0.15 - 2.5 % on solid resin.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 1460 days.

DISTINGUISHING FEATURES

Modaflow Epsilon has the same technical characteristics as Modaflow Resin and enables due to the lower viscosity better incorporation properties and handling.

REMARK:

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.