

PRELIMINARY PRODUCT INFORMATION

TYPE

Self-crosslinking, solvent-free pure acrylic dispersion

FORM OF DELIVERY (f.o.d.)

50 % in water (50WA)

DEVELOPMENT PRODUCT

This product, 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.

Neutralization agent

0.5 % ammonia, as salt

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity	[mPa.s]	200 - 1000
(25 1/s; 23 °C)		

pH-Value DIN ISO 976

pH-value		7,4 - 8,0
(10 %)		

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter	[%]	48 - 52
(1 h; 125 °C; 1 g)		

Not continually determined:

Non-Volatile Matter DIN 55671

non-volatile matter	[%]	48 - 52
(125 °C; 10 min)		

Colour / Appearance VLN 250

colour		whitish
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Minimum Temperature of Film Formation DIN ISO 2115

minimum temp. of film form.	[°C]	48
approx.		

Density (Liquids) DIN EN ISO 2811-2

density	[g/cm³]	1,05
approx.		
(20 °C)		

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	> 100
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SPECIAL PROPERTIES

Extremely quick set and through drying.
Very high film hardness.
Excellent non-yellowing properties.

SUGGESTED USES

Viacryl SC 6805w/50WA is designed for the production of 1pack texture paints. Viacryl SC 6805w/50WA should be formulated with suitable coalescent agents, e. g. butyl glycol.

Texture paints based on this resin show very quick drying, good chemical resistance and are suitable for painting machinery, loudspeaker cabinets and so on.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

It is important to protect Viacryl SC 6805w/50WA from freezing; at low temperatures it should be stored under "keep from freezing" conditions.

Lowest storage temperature: 0 °C

DISTINGUISHING FEATURES

In comparison with Viacryl VSC 6279w/45WA, Viacryl SC 6805w/50WA shows faster drying and higher film hardness.

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.