

VIACRYL[®] SC 6834W/42WA

PRELIMINARY PRODUCT INFORMATION

TYPE

Waterborne, hydroxy functional polyacrylate dispersion

FORM OF DELIVERY (f.o.d.)

42 % in water (42WA)

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:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	< 150
pH-Value DIN ISO 976 pH-value (10 %)		2 - 3
Non-Volatile Matter DIN 55671 non-volatile matter (125 °C; 10 min; 0,9)	[%]	40,5 - 43,5
Not continually determined:		
Colour / Appearance VLN 250 colour		whitish
Hydroxyl Value DIN 53240 hydroxyl value approx. (solids)	[mg KOH/g]	150
Minimum Temperature of Film Formation DIN ISO 2115 minimum temp. of film form. approx.	[°C]	15
Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm ³]	1,06
Flash Point (CCCFP) ASTM D 6450 flash point	[°C]	> 94

SPECIAL PROPERTIES AND USE

Viacryl SC 6834W/42WA is a solvent-free, hydroxy functional polyacrylate dispersion. When combined with Cymel NF 3030 waterborne formaldehyde free cross-linker, the system is well suited for wood cabinetry, furniture, kitchen cabinetry and other industrial wood applications.

Outstanding features (when used with Cymel NF 3030):

- unsurpassed pot life of 2 - 5 days after mixing
- system does not contain or evolve formaldehyde
- fast cure response and early sandability to powder
- force dry and ambient cure capability
- excellent cold-check resistance
- very good household chemical resistance

STORAGE

At temperatures from 5 °C to 30 °C storage stability packed in original containers amounts to at least 365 days.

It is important to protect Viacryl SC 6834W/42WA from freezing; at low temperatures it should be stored under "keep from freezing" conditions.

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.

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