

PRELIMINARY PRODUCT INFORMATION

TYPE

Cationic acrylic dispersion

FORM OF DELIVERY (f.o.d.)

50 % in water (50WA)

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.

Neutralization Agent

approx 1.9 % formic acid, as salt

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 50 - 1000
(100 1/s; 23 °C)

pH-Value DIN ISO 976
pH-value 4,0 - 4,6
(10 %)

Non-Volatile Matter DIN 55671
non-volatile matter [%] 48 - 52
(150 °C; 5 min)

Not continually determined:

Colour / Appearance VLN 250
colour colourless to
appearance yellowish
opaque

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 1,06
approx.
(20 °C)

Flash Point (CCCFP) ASTM D 6450
flash point [°C] > 94

SPECIAL PROPERTIES AND USE

VIACRYL SC 6841W/50WA is an aqueous, cationic acrylic dispersion especially suitable for stain and tannin-blocking applications with improved exterior durability and for pigmented and clear primer applications with high UV-resistance.

Advantages:

- High tannin-blocking activity
- High marker and stain-blocking activity
- High UV-resistance
- Exterior durability in primer formulations
- Enhances wood appearance (e.g. oak) when used in clear primer formulations
- Cold-check resistance
- Good adhesion properties
- Fast drying
- Good recoatability with various topcoat technologies (including anionic)

FORMULATION

VIACRYL SC 6841W/50WA has good compatibility with other cationic and non-ionic WB binders. It is not compatible with anionic waterborne binder systems.

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 6841W/50WA 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.