

PRELIMINARY PRODUCT INFORMATION

TYPE

Aqueous hydroxy functional copolymer emulsion

FORM OF DELIVERY (f.o.d.)

43 % in water (43WA)

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

2.2 % N.N-dimethylethanolamine, as salt

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 400 - 2500
(25 1/s; 23 °C)

pH-Value DIN ISO 976
pH-value 8,0 - 9,0
(10 %)

Non-Volatile Matter DIN EN ISO 3251
non-volatile matter [%] 41,5 - 44,5
(1 h; 125 °C; 1 g)

Not continually determined:

Colour / Appearance VLN 250
colour whitish

Hydroxyl Value DIN 53240
hydroxyl value [mg KOH/g] 75
approx.
(solid matter content)

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 1,05
approx.
(20 °C)

Flash Point DIN EN ISO 1523
flash point [°C] > 65

SPECIAL PROPERTIES AND USE

Viacryl SC 6807w/43WA can be crosslinked with reactive melamine resins to give industrial coating systems with good gloss and excellent levelling. The curing schedule is 30 min/120 °C - 20 min/140 °C.

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 6807w/43WA from frost; at low temperatures it has therefore to be stored under frostproof condition.

Lowest storage temperature: + 1 °C

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.