

# VIACRYL<sup>®</sup> VSC 6295w/45WA

**TYPE**

Solvent-free, self-crosslinking copolymerisate dispersion consisting of acrylic esters and small amounts of styrene

Neutralization agent

0,3 % N,N-dimethylethanolamine, as salt

**FORM OF DELIVERY (f.o.d.)**

45 % in water (45WA)

**PRODUCT DATA**

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (100 1/s; 23 °C)	[mPa.s]	25 - 120
pH-Value DIN ISO 976 pH-value (10 %)		6,5 - 7,8
Non-Volatile Matter DIN 55671 non-volatile matter (125 °C; 10 min)	[%]	43,5 - 46,5
Not continually determined:		
Minimum Temperature of Film Formation DIN ISO 2115 minimum temp. of film form. approx.	[°C]	30
Colour / Appearance VLN 250 colour		whitish
Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm <sup>3</sup> ]	1,05
Flash Point (Pensky-Martens) DIN EN ISO 2719 flash point	[°C]	> 100

**SPECIAL PROPERTIES**

- rapid drying
- high hardness
- excellent sandability
- excellent chemical resistance
- excellent abrasion resistance

**SUGGESTED USES**

Viacryl VSC 6295w can be used as sole binder for waterborne wood coatings. Formulations based on Viacryl VSC 6295w show excellent chemical resistance and are suitable in floor sealers as well as for furniture lacquers.

Viacryl VSC 6295w should be formulated with suitable coalescent agents, e. g. 2-butoxyethanol (butyl glycol).

The adjustment of the rheological properties demands polyurethane-thickeners, like e. g. Coatex BR 100 (Dimed), Acrysol RM 2020 (Rohm & Haas) or Rheolate 278 (Rheox).

**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 VSC 6295w from frost; at low temperatures it has therefore to be stored under frostproof conditions.

If Viacryl VSC 6295w is stored at temperatures above 25 °C occasionally skin formation has been observed.

Lowest storage temperature: 0 °C

**DISTINGUISHING FEATURES**

Contrary to Viacryl VSC 6270w, Viacryl VSC 6295w shows no discolouring on woods of light shade.

7.0/17.07.2013 ( replaces all previous versions )

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