

TYPE

Waterborne, polyester modified, hydroxy-functional copolymer emulsion

FORM OF DELIVERY (f.o.d.)

47 % in water (47WA)

Neutralization agent

1.5 % N.N-dimethyl ethanolamine, as salt

Appearance

whitish

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	300 - 2000
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pH-Value DIN ISO 976

pH-value (10 %)		8,0 - 9,0
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Non-Volatile Matter DIN 55671

non-volatile matter (150 °C; 10 min)	[%]	45,5 - 48,5
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Not continually determined:

Hydroxyl Value DIN 53240

hydroxyl value approx. (solid matter content; potentiometric)	[mg KOH/g]	100
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	45,5 - 48,5
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Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm ³]	1,06
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Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	> 100
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SPECIAL PROPERTIES AND USE

In combination with reactive melamin resins (e.g. CYMEL 327 Resin or CYMEL 328 Resin) Viacryl VSC 6800w/47WA provides glossy, non-yellowing industrial enamels, when stoved at 130 - 140 °C (20 min.).

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 180 days.

It is important to protect Viacryl VSC 6800w/47WA from freezing; at low temperatures it should be stored under "keep from freezing" conditions.

DISTINGUISHING FEATURES

In comparison with Viacryl VSC 6276w/44WA coatings based on Viacryl VSC 6800w/47WA are easier in application and show a more pleasing appearance because of less orange peel. Paint films are a little softer, however.

