

### TYPE

Aqueous hydroxy functional copolymer emulsion

### Neutralization agent

1.9 % N.N-dimethylethanolamine, as salt

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

44 % in water (44WA)

### PRODUCT DATA

#### Determined per batch:

#### Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity [mPa.s] 200 - 2400  
(25 1/s; 23 °C)

#### pH-Value DIN ISO 976

pH-value 8,0 - 9,1  
(10 %)

#### Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 42,5 - 45,5  
(1 h; 125 °C; 1 g)

#### Not continually determined:

#### Colour / Appearance VLN 250

colour whitish

#### Hydroxyl Value DIN 53240

hydroxyl value [mg KOH/g] 85  
approx.  
(solid matter content)

#### Density (Liquids) DIN EN ISO 2811-2

density [g/cm<sup>3</sup>] 1,04  
approx.  
(20 °C)

#### Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point [°C] >100

### SPECIAL PROPERTIES AND USE

Viacryl VSC 6276w/44WA can be crosslinked with reactive melamine resins such as Cymel 325 or Cymel 327 to give less-yellowing industrial coating systems with good gloss. The curing schedule is 30 min/120 °C - 20 min/140 °C.

(When crosslinking with hexamethoxymethylmelamine resins- "HMMM", such as Cymel 303 or Cymel 1130 - our special grade Viacryl VSC 6273w/44WA is recommended).

### 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 6276w/44WA from frost; at low temperatures it has therefore to be stored under frostproof condition.

#### Lowest storage temperature: + 1 °C

### DISTINGUISHING FEATURES

In comparison with Viacryl VSC 6273w/44WA, Viacryl VSC 6276w/44WA doesn't contain a built in catalyst so that it doesn't loose flexibility when overbaked.

