

# VIACRYL<sup>®</sup> SC 6828w/45WA

## TYPE

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

## Neutralization agent

0.4 % 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 [mPa.s] 20 - 200  
(100 1/s; 23 °C)

#### pH-Value DIN ISO 976

pH-value 7 - 8  
(10 %)

#### Non-Volatile Matter DIN 55671

non-volatile matter [%] 43,5 - 46,5  
(125 °C; 10 min)

### Not continually determined:

#### Colour / Appearance VLN 250

colour whitish

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

density [g/cm<sup>3</sup>] 1,05  
approx.  
(20 °C)

#### Minimum Temperature of Film Formation DIN ISO 2115

minimum temp. of film form. [°C] < 10

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

flash point [°C] > 100

## SPECIAL PROPERTIES

- rapid drying
- high hardness
- high chemical resistance
- high water resistance

## SUGGESTED USES

Viacryl SC 6828w/45WA is a solvent-free, self-crosslinking copolymerisate dispersion, specially developed for adhesion on various plastic substrates like PC, PMMA, PA-6, PVC and PET.

For proper film formation no coalescent agent is required.

## STORAGE

At temperatures from 5 °C to 30 °C storage stability packed in original containers amounts to at least 365 days.

It is important to protect Viacryl SC 6828w/45WA from frost; at low temperatures it has therefore to be stored under frostproof conditions.

## DISTINGUISHING FEATURES

Contrary to Viacryl VSC 6286w/45WA, Viacryl SC 6828w/45WA is higher resistant against solvents and chemicals.

3.0/17.07.2013 ( replaces all previous versions )

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