

# VIACRYL<sup>®</sup> VSC 6800w/47WA

# **Technical Datasheet**

Page 1/2

# 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:

6.0/18.06.2020 (replaces version 5.0)

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	300 - 2000
<b>pH-Value DIN ISO 976</b> pH-value (10 %)		8,0 - 9,0
Non-Volatile Matter DIN 55671 non-volatile matter (150 °C; 10 min)	[%]	45,5 - 48,5
Not continually determined:		
<b>Hydroxyl Value DIN 53240</b> hydroxyl value approx. (solid matter content; potentiometric)	[mg KOH/g]	100
Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g)	[%]	45,5 - 48,5
Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm³]	1,06
<b>Flash Point (Pensky-Martens) DIN EN ISO 2</b> flash point	2 <b>719</b> [°C]	> 100

# 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  $^{\circ}\mathrm{C}$  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 easyer in application and show a more pleasing appearance because of less orange peel. Paint films are a little softer, however.

Disclaimer: allnex Group companies ('allnex') exclude all liability with respect to the use made by anyone of the information contained herein. The information contained herein represents allnex's best knowledge but
does not constitute any express or implied guarantee or warranty as to the accuracy, the completeness or relevance of the data set out herein. Nothing contained herein shall be construed as conferring any license or
right under any patent or other intellectual property rights of allnex or of any third party. The information relating to the products is given for information purposes only. No guarantee or warranty is provided that the
product and/or information is suitable for any specific use, performance or result. Any unauthorized use of the product or information may infringe the intellectual property rights of allnex, including its patent rights.
The user should perform his/her own tests to determine the suitability for a particular purpose. The final choice of use of a product and/or information as well as the investigation of any possible violation of

Worldwide Contact Info: www.allnex.com

intellectual property rights or misappropriation of trade secrets of allnex and/or third parties remain the sole responsibility of the user. Notice: Trademarks indicated with \*, TM or \* as well as the allnex name and logo are registered, unregistered or pending trademarks of Allnex Netherlands B.V. or its directly or indirectly affiliated allnex Group companies. ©2020 allnex Group. All Rights Reserved.



# VIACRYL<sup>®</sup> VSC 6800w/47WA

**Technical Datasheet** 

6.0/18.06.2020 (replaces version 5.0)

Worldwide Contact Info: www.allnex.com

Disclaimer: allnex Group companies ('allnex') exclude all liability with respect to the use made by anyone of the information contained herein. The information contained herein represents allnex's best knowledge but does not constitute any express or implied guarantee or warranty as to the accuracy, the completeness or relevance of the data set out herein. Nothing contained herein shall be construed as conferring any license or right under any patent or other intellectual property rights of allnex or of any third party. The information relating to the products is given for information purposes only. No guarantee or warranty is provided that the product and/or information is suitable for any specific use, performance or result. Any unauthorized use of the product or information may infringe the intellectual property rights of allnex, including its patent rights. The user should perform his/her own tests to determine the suitability for a particular purpose. The final choice of use of a product and/or information as well as the investigation of any possible violation of intellectual property rights or misappropriation of trade secrets of allnex and/or third parties remain the sole responsibility of the user. Notice: Trademarks indicated with \*, TM or \* as well as the allnex name and logo are registered, unregistered or pending trademarks of Allnex Netherlands B.V. or its directly or indirectly affiliated allnex Group

companies. ©2020 allnex Group. All Rights Reserved.