

VIACRYL® SC 6276W/44WA

PRELIMINARY PRODUCT INFORMATION

TYPE

Aqueous hydroxy functional copolymer emulsion

FORM OF DELIVERY (f.o.d.)

44 % in water (44WA)

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

Neutralization agent

1.9 % N.N-dimethylethanolamine, as salt

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	200 - 2400
---	---------	------------

pH-Value DIN ISO 976 pH-value (10 %)		8,0 - 9,1
--	--	-----------

Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g)	[%]	42,5 - 45,5
--	-----	-------------

Not continually determined:

Colour / Appearance VLN 250 colour		whitish
---------------------------------------	--	---------

Hydroxyl Value DIN 53240 hydroxyl value approx. (solids)	[mg KOH/g]	85
---	------------	----

Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm³]	1,04
--	---------	------

Flash Point (Pensky-Martens) DIN EN ISO 2719 flash point	[°C]	> 100
---	------	-------

SPECIAL PROPERTIES AND USE

Viacryl SC 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 SC 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 SC 6276W/44WA doesn't contain a built in catalyst so that it doesn't loose flexibility when overbaked.

REMARK:

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.

1.0/09.05.2016

• Worldwide Contact Info: www.allnex.com •

Disclaimer: Allnex Group companies (*Allnex*) decline any liability with respect to the use made by anyone of the information contained herein. The information contained herein represents Allnex's best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, regarding 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 adapted for any specific use, performance or result and that product and/or information do not infringe any Allnex and/or third party intellectual property rights. The user should perform its 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 of Allnex and/or third parties remains the sole responsibility of the user.

© 2013 Allnex Belgium SA. All Rights Reserved

Notice: Trademarks indicated with the ®, ™ or * are registered, unregistered or pending trademarks of Allnex Belgium SA or its directly or indirectly affiliated Allnex Group companies.