

# EBECRYL®

## Sn-free UV/EB curable resins

### Product Bulletin

This product bulletin includes a selection of Allnex's Sn-free\* UV/EB curable resins.

Allnex is proactively adding new resin options to its existing Sn-free product line in order to react to customer needs and to comply with emerging regulations, norms and specifications which restrict the use of organo tins and heavy metals.

Please contact your Allnex representative to learn more about our complete range of Sn-free products.

Product	Description: Key Features & Performances	Chemical Description	Viscosity, <sup>***</sup> mPa.s	Dilution	Color <sup>**</sup> , Gardner	Density, g/ml @ 25°C	Functionality
EBECRYL® 246	<ul style="list-style-type: none"> <li>• Good abrasion resistance</li> <li>• Excellent flexibility and toughness</li> <li>• Good flexibility and adhesion</li> <li>• Non-yellowing</li> <li>• Superior scuff and abrasion resistance</li> </ul>	Aliphatic Urethane Acrylate	58,600 (60° C)	-	1.0	1.09	2
EBECRYL 271	<ul style="list-style-type: none"> <li>• Excellent flexibility</li> <li>• Good adhesion</li> <li>• Used as flexibilizer</li> </ul>	Aliphatic Urethane Acrylate	3,560 (60°C)	-	75 APHA	1.04	2
EBECRYL 1258	<ul style="list-style-type: none"> <li>• Excellent abrasion resistance and stain resistance</li> <li>• Excellent adhesion</li> <li>• Good heat resistance, curing, flexibility and adhesion</li> </ul>	Aliphatic Urethane Acrylate	7,100 (60°C)	20% HPMA	1.0	1.08	3
EBECRYL 1291	<ul style="list-style-type: none"> <li>• Excellent scratch and abrasion resistance</li> <li>• High surface hardness</li> <li>• Outstanding gloss and chemical resistance</li> </ul>	Aliphatic Urethane Acrylate	1,900 (60°C)	-	75 APHA	1.16	6
EBECRYL 4859	<ul style="list-style-type: none"> <li>• Low viscosity</li> <li>• Excellent hardness, and toughness</li> </ul>	Aliphatic Urethane Methacrylate	10,000 (25°C)	-	100 APHA	1.14	2
EBECRYL 8415	<ul style="list-style-type: none"> <li>• Outstanding hardness</li> <li>• Outstanding scratch and abrasion resistance</li> <li>• Excellent cure response</li> </ul>	Aliphatic Urethane Acrylate	1,800 (60°C)	-	100 APHA	1.19	10

Product	Description: Key Features & Performances	Chemical Description	Viscosity, *** mPa.s	Dilution	Color**, Gardner	Density, g/ml @ 25°C	Functionality
EBECRYL® 8602	<ul style="list-style-type: none"> <li>• Excellent surface hardness and chemical resistance</li> <li>• Excellent scratch and abrasion resistance</li> <li>• Hardcoat, high functionality with low curl/ shrinkage</li> </ul>	Aliphatic Urethane Acrylate	3,000 (60°C)	-	100 APHA	1.16	9
EBECRYL 8811	<ul style="list-style-type: none"> <li>• Excellent surface cure</li> <li>• Suitable for LED and low energy cure applications</li> </ul>	Aliphatic Urethane Acrylate	10,000 (60° C)	-	1.0	1.05	2

\* non-intentionally added organo tin

\*\* color: data are maximum values

\*\*\* viscosity specification is preliminary and subject to change prior to writing of final commercial specification

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.