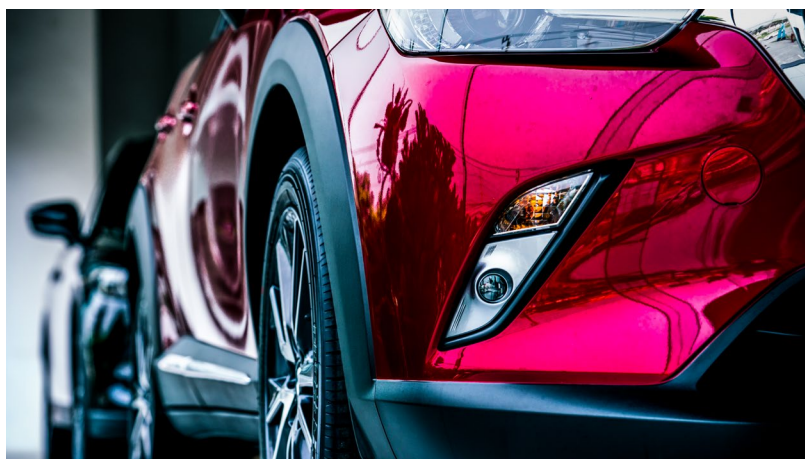


AUTOMOTIVE OEM COATINGS

SURFYNOL® 118

Anti-pinhole effect for water-based automotive OEM coatings formulations



SURFYNOL® 118

is a very compatible, formulated molecular defoamer/deaerator based on Gemini Surfactant technology. It can be used for a wide variety of applications where pinhole elimination, macro and micro foam control is needed without causing any film defects.

SURFYNOL® 118 – At a Glance

New compact processes make prevention of pinholes more challenging

Wet on wet process, low temperature bake and shorter flash off times increase air/solvent entrapment in dry film

SURFYNOL® 118 increases the wet film thickness that can be applied without compromising DOI or film appearance

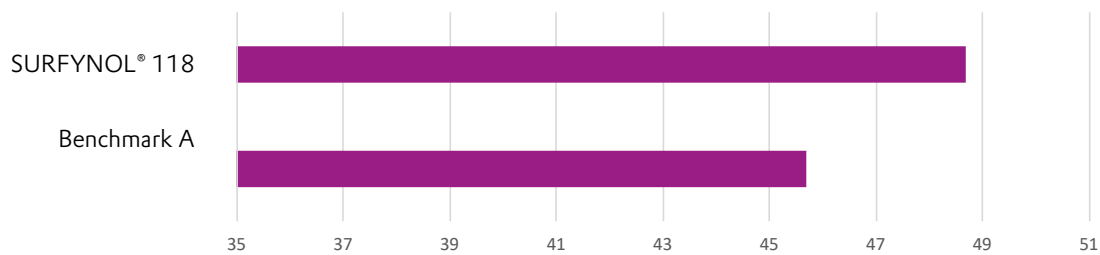


[Click here for more information!](#)

Key benefits

- Prevents pinholes and solvent popping in bake coatings, while maintaining film appearance
- Increase wet film thickness that can be applied without film defects
- Offers a combination of defoaming and deaeration properties
- Highly suitable for sensitive waterborne formulations, especially for low-VOC coatings
- 100% active and low viscous liquid
- Silicone and Silica free, APEO- and tin-free

SURFYNOL® 118 improves minimum dry film thickness (µm) when pinhole appears in water-based auto OEM base coat



SURFYNOL® 118 shows excellent compatibility with no negative impact in final coating film appearance

SURFYNOL® 118



Benchmark A



This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NONINFRINGEMENT, MERCHANTABILITY AND / OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and / or recommendations at any time, without prior or subsequent notice. ACEMATT®, ADDID®, AEROSIL®, AIRASE®, ALBIDUR®, CARBOWET®, DYNOL™, NANOCRYL®, SILIKOFTAL®, SILIKOPHEN®, SILIKOPON®, SILIKOPUR®, SILIKOTOP®, SIPERNAT®, SURFYNOL®, TEGO®, TEGOMER® and ZETASPERSE® are registered trademarks of Evonik Industries or its subsidiaries. Evonik supports you in selecting the best suited product and optimizing current formulations through our Application Technology Group.

EVONIK OPERATIONS GMBH
Goldschmidtstraße 100
45127 Essen
Germany
Phone +49 201 173-2222
Fax +49 201 173-1939
coating-additives@evonik.com
www.coating-additives.com