

BYK-1820

PFAS-free silicone defoamer with broad compatibility for aqueous, solvent-based, solvent-free, and radiation-curable systems

For many years, BYK has been actively supporting the market in making formulations more sustainable and developing alternatives to well-established products. The new additives are more environment-friendly and comply with most recent regulations.

Thus, BYK now offers BYK-1820, a high-performance silicone defoamer, to fulfill these requirements. It combines high efficiency in foam control with broad system compatibility. In this way, it provides maximum formulation flexibility and reliable performance in a wide array of applications, ranging from water-based to solvent-based or radiation-curable systems.

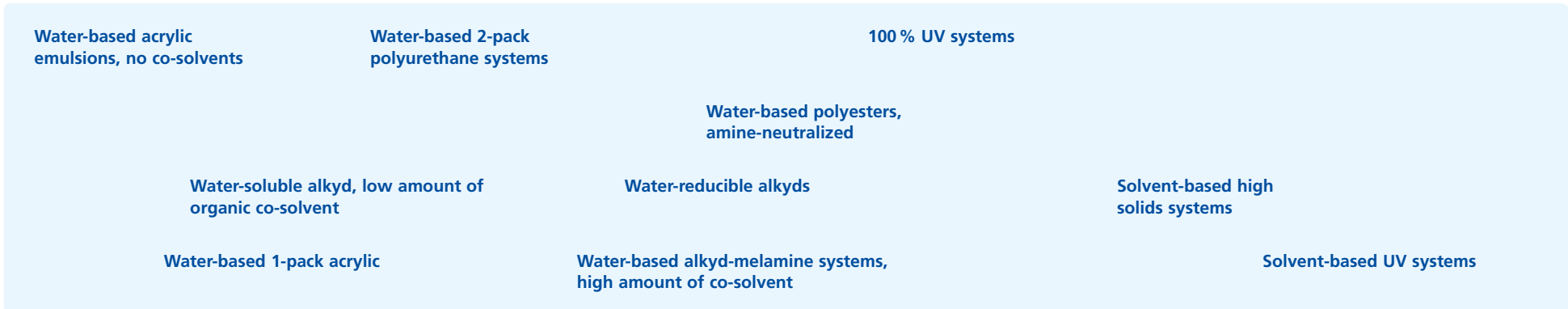


Benefits

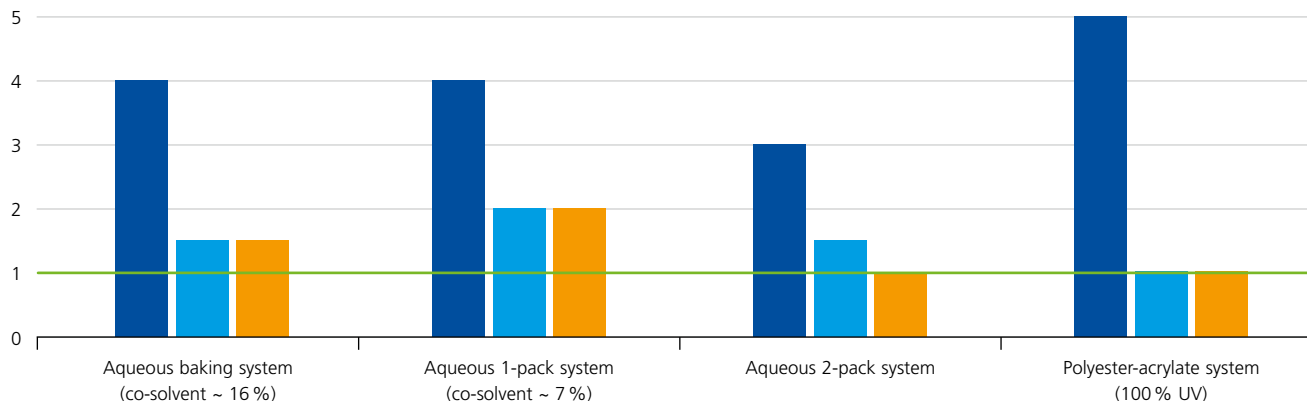
- PFAS- and butyl glycol-free
- Highly efficient silicone defoamer with broad compatibility
 - For water-soluble and water-dilutable systems with different organic co-solvent content
 - For solvent-free and solvent-based radiation-curable systems
 - Ideal for medium to high polarity solvent-based coatings

Broad compatibility in many different systems

High polarity → Medium polarity



BYK-1820 – Very efficient addition to the BYK defoamer portfolio



● Control ● PFAS-containing additive* ● BYK-1820

Additive dosage: 0.5% additive (as supplied) on the total formulation

Key/Y-axis: 1 = perfect defoaming, 5 = poor defoaming

* not part of the BYK product range anymore

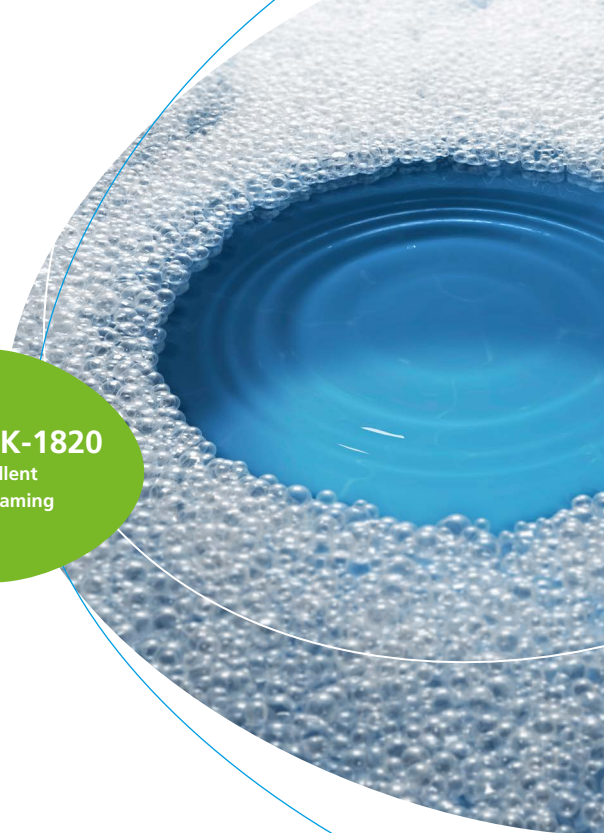
Applications

- General industrial coatings
- Architectural coatings
- Floor coatings
- Wood and furniture coating
- Marine and protective coatings
- Printing inks

Technical data

- Solution of polysiloxanes
- Density (20 °C): 0.967 g/cm³
- Non-volatile matter (10 min, 150 °C): 9 %
- Solvent: 1-methoxy-2-propyl acetate
- Flash point: 45 °C
- Delivery form: liquid

BYK-1820
→ Excellent defoaming



Your local contact

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0

info@byk.com
www.byk.com

ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK-DYNWET®, BYK-MAX®, BYK-SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAC®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULLCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, NANOBYPK®, OPTIBENT®, OPTIGEL®, PURABYPK®, RECYCLOBYPK®, RHEOBYK®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® are registered trademarks of the BYK group.

The information contained herein is based on our current knowledge and experience. No warranties, guarantees and/or assurances of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. Any information about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. Contractual terms and conditions, in particular agreed product specifications, always take precedence. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. We reserve the right to make any changes and to update the information herein without notice.



Download our app:
byk.com/app