

BYK-322

Silicone-containing surface additive for solvent-borne coating systems with a slight reduction of surface tension and slight increase of surface slip. Good leveling with defoaming properties.

Product data

Composition

Poly(alkylmethylsiloxane-co-arylmethylsiloxane)

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density: 0.95 g/ml

Active substance: 100 %

Special note

Thermostable up to 250 °C.

Applications

Coatings industry

Special features and benefits

BYK-322 provides a slight reduction of the surface tension of coating systems. It is a silicone leveling additive which does not stabilize foam and in many systems has a defoaming effect. The additive is thermostable up to 250 °C and shows no negative influence on the intercoat adhesion.

Recommended use

Automotive refinish coatings	<input checked="" type="checkbox"/>
Automotive OEM coatings	<input type="checkbox"/>
General industrial coatings	<input type="checkbox"/>
Coil coatings	<input type="checkbox"/>
Architectural coatings	<input type="checkbox"/>
Wood and furniture coatings	<input type="checkbox"/>

☒ especially recommended ☐ recommended

Recommended levels

0.01–0.4 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The additive can be incorporated during any stage of the production process, including post-addition.

Special note

BYK-322 is very user-friendly. Nevertheless, before use it should be determined in a series of tests whether foam is stabilized. Similarly, the recoatability and cratering should be checked.



**Your local
contact**

BYK-Chemie GmbH

Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
info@byk.com
www.byk.com



Download
our app:
byk.com/app

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®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, NANOBYK®, OPTIBENT®, OPTIGEL®, PURABYK®, RECYCLOBYK®, 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.