

BYK-039

Mineral oil-based, VOC- and silicone-free defoamer for aqueous emulsion systems within a PVC range of 35-70. Does not contain alkylphenol ethoxylates. Also suitable for high-solid PUR leather coatings.

Product Data

Composition

Mixture of paraffinic mineral oils and hydrophobic components

VOC-free (< 1500 ppm)
Does not contain
alkylphenol ethoxylates.

Typical Properties

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

Density (20 °C): 0.87 g/ml

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

Separation may occur. Mix well before use.

Applications

Coatings Industry

Special Features and Benefits

The defoamer has a broad application spectrum and covers the PVC range of 35-70. BYK-039 is VOC-free (< 1500 ppm), silicone-free and does not contain alkylphenol ethoxylates. The additive is recommended for use in emulsion and exterior wall paints and emulsion plasters. In high-solid PUR leather coatings, BYK-039 facilitates vacuum deaeration and improves the air release after application.

Recommended Levels

0.1-0.5 % additive (as supplied) based upon total formulation, in exceptional cases up to 0.8 %.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

2/3 of the defoamer quantity is usually added to the millbase and 1/3 to the let-down or the finished paint.



Additive Guide



BYK-Chemie GmbH
P.O. Box 10 02 45
46462 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com/additives

ACTAL®, ADJUST®, ADVITROL®, ALUFERSOL®, ANTI-TERRA®, BENTOLITE®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CLAYTONE®, CLOISITE®, COPISIL®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, FULGEL®, FULMONT®, GARAMITE®, GELWHITE®, LACTIMON®, LAPONITE®, MINERAL COLLOID®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PAPERBYK®, PERMONT®, PURE THIX®, RHEOCIN®, RHEOTIX®, RIC-SYN®, SILBYK®, TIXOGEL®, VISCOBYK®, Y-25®, and Greenability® are registered trademarks of BYK-Chemie. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFAK®, CERAFLLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera.

SCONA® is a registered trademark of BYK Kometra.

This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

This issue replaces all previous versions – Printed in Germany