

# BYK-1798

Silicone-containing defoamer for aqueous and radiation-curable systems.

## Product Data

### Composition

Solution of a modified polysiloxane copolymer

### Typical Properties

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

Density (68 °F):	7.34 lbs/US gal
Non-volatile matter (10 min., 302 °F):	10 %
Solvents:	Butylglycol/ethylhexanol/white spirit 6/2/1
Flash point:	127 °F

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

### Special Note

The additive contains C<sub>6</sub>F<sub>13</sub> fluorotelomers. It replaces BYK-020.

## Applications

### Coatings and Printing Inks

#### Special Features and Benefits

BYK-1798 is a very effective silicone defoamer for all water-soluble systems (physically drying and baking systems) and is also recommended for radiation-curable coatings.

#### Recommended Levels

0.1-0.7 % additive (as supplied) based on the total formulation.

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

#### Incorporation and Processing Instructions

To ensure the full effect, the defoamer should be added already during the grinding. If post-adding, ensure a sufficiently high shear force in order to distribute the additive well and to prevent cratering.

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Data Sheet  
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Additive Guide



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