

## BYK-3754

Silicone surface additive for solvent-borne, solvent-free and aqueous coating systems with a strong reduction in the surface tension. Excellent substrate wetting, prevents cratering and increases surface slip.

### Product Data

#### Composition

Solution of a polyether-modified polydimethylsiloxane

SVHC label-free  
(EU SDS)

#### Typical Properties

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

Density (20 °C):	0.99 g/ml
Non-volatile matter (10 min., 150 °C):	52 %
Solvents:	Dipropylene glycol monomethyl ether (DPM)
Flash point:	81 °C

#### 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

BYK-3754 is a low-cycle version of BYK-342. The cyclic siloxane content D4 / D5 / D6 is in each case less than 0.1 %, therefore the SVHC label is not required in the safety data sheet.

### Applications

#### Coatings Industry

##### Special Features and Benefits

The additive provides a strong reduction in the surface tension of coating systems. It therefore especially improves substrate wetting and prevents cratering. Surface slip, gloss and anti-blocking are also increased.

##### Recommended Use

The additive is particularly recommended for all solvent-borne, solvent-free and aqueous coatings.

##### Recommended Levels

0.1-0.3 % 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**

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

**Special Note**

Unlike so-called silicone oils, this additive is very user-friendly. However, before use, one should determine in a test series whether the foam is stabilized in certain systems and check the recoatability and crater development.



Additive Guide



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