# BYK-330

Silicone-containing surface additive with a strong reduction of surface tension of ambient-curing plastic systems. Improves substrate wetting and prevents surface defects.

## Product Data

**Composition**
Solution of a polyether-modified polydimethylsiloxane.

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

| | |
|---|---|
| Density (20 °C): | 0.98 g/ml |
| Non-volatile matter (60 min., 105 °C): | 51 % |
| Solvents: | Methoxypropylacetate |
| Flash point: | 45 °C |

**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.

## Applications

### Ambient-curing Plastic Systems

**Special Features and Benefits**
BYK-330 is a highly effective silicone additive and provides a strong reduction in surface tension. It thereby improves the wetting of critical substrates such as molds treated with release agents. It also prevents the formation of craters or fish eyes and facilitates the acceptance of spray mist or dust.

**Recommended Use**
BYK-330 is recommended for systems based on unsaturated polyester resins, such as gel coats.

**Recommended Levels**
0.1-0.3 % additive (as supplied) based upon 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. It has proven successful to add the additive at the end of the process to avoid any foam stabilization.

**Special Note**
Unlike so-called silicone oils, this additive is very user-friendly. Nevertheless, it should be determined in a series of tests whether surface defects occur in certain systems.

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Data Sheet
Issue 11/2012

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