

BYK-A 525

Defoamer/air release agent for potting compounds, sealants and adhesives (polyurethane and epoxy). Contains silicone.

Product Data

Composition

Solution of a polyether-modified methylalkyl polysiloxane copolymer

Typical Properties

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

Density (68 °F):	7.18 lbs/US gal
Non-volatile matter (60 min, 221 °F):	52 %
Solvents:	White spirit/Methoxypropylacetate 9/1
Flash point:	100 °F

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

Adhesives & Sealants

Special Features and Benefits

Prevents foam and bubble formation during manufacturing and application. It demonstrates excellent air release characteristics in mineral-filled systems. It additionally improves wetting of quartz and glass fibers.

Recommended Use

Especially recommended for systems on polyurethane and epoxy resin basis.

Recommended Levels

0.1-0.5 % 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

Incorporate into resin before adding the other components.

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Ambient Curing Systems

Special Features and Benefits

Acts as a defoamer/air release agent during production and application. Also reduces surface tension, improves leveling and wetting and prevents Bénard cell formation. The decrease in surface tension can be reduced by lowering the polarity of the binder system.

Recommended Use

Especially recommended for systems on polyurethane and epoxy resin basis.

Recommended Levels

0.3-1 % 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

Incorporate into resin before adding the other components. Can also be added to complete systems.