

BYK-A 535

Silicone-free air release additive for solvent-borne and solvent-free epoxy and polyurethane systems.

Product Data

Composition

Solution of foam-destroying polymers, silicone-free

Typical Properties

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

Density (20 °C): 0.86 g/ml

Refractive index (20 °C): 1.48

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

Air release additive to prevent foam and bubbles during the manufacture and application of ambient-curing plastic applications. Particularly recommended for polyurethane-based floorings and casting systems (polymer concrete, mineral casting) that are based on epoxy resins. Suitable for materials that come into contact with food (including drinking water).

Recommended Levels

0.1-1 % 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

Stir into the resin before adding other components. It is also possible to add the additive to finished systems.

Adhesives & Sealants

Special Features and Benefits

BYK-A 535 is a defoamer for all solvent-borne and solvent-free adhesives and sealants. Particularly recommended for systems that are based on polyurethane and epoxy resins. BYK-A 535 may cause cloudiness in transparent systems.

Recommended Levels

0.1-1 % 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

Stir into the resin before adding other components.

Coatings Industry

Special Features and Benefits

BYK-A 535 is particularly suitable for solvent-free systems such as polyurethane and epoxy coatings and for materials that come into contact with food (including drinking water). It prevents air bubbles and pinholes. BYK-A 535 may cause cloudiness in transparent systems.

Recommended Use

Protective coating systems	☒
Industrial coatings	☐

☒ especially recommended ☐ recommended

Recommended Levels

0.1-1 % 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

To achieve optimal defoaming, the defoamer should be added already to the millbase. If incorporating at a later stage, sufficiently high shear forces must be applied to ensure a good distribution and to prevent cratering.