

## 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): 1.475

### 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.

##### 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. It prevents air bubbles and pinholes. BYK-A 535 may cause cloudiness in transparent systems.

### Recommended Use

Protective coating systems	<input checked="" type="checkbox"/>
Industrial coatings	<input type="checkbox"/>

☒ 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.



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This issue replaces all previous versions.