

BYK-A 535 T

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

Special note

Technical grade, not suitable for applications with food contact.

Applications

Thermosets

Special features and benefits

Air release additive to prevent foam and bubbles during the manufacture and application of thermoset systems. It is particularly suitable for use in roof waterproofing and casting resins based on polyurethanes or epoxy resin systems.

Recommended levels

0.1–1 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

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

Adhesives and sealants

Special features and benefits

BYK-A 535 T 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 T 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. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

Stir into the resin before adding other components.

Coatings industry

Special features and benefits

BYK-A 535 T is particularly suitable for solvent-free systems such as polyurethane and epoxy coatings. It prevents air bubbles and pinholes. BYK-A 535 T may cause cloudiness in transparent systems.

Recommended use

Marine coatings	<input checked="" type="checkbox"/>
Protective coatings	<input checked="" type="checkbox"/>
General industrial coatings	<input type="checkbox"/>
Floor 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. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

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



Your local
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This issue replaces all previous versions.