

BYK-A 505

Silicone-free polymer air release agent based on renewable resources intended for unsaturated polyester resins as well as solvent-borne and solvent-free systems.

Product Data

Composition

Mixture of foam-destroying polymers, silicone-free

VOC-free

Typical Properties

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

Density (20 °C): 0.91 g/ml

Refraction index: 1.470

Flash point: 185 °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 Systems

Recommended Use

Unsaturated polyester resins	<input checked="" type="checkbox"/>
Solvent-borne systems	<input checked="" type="checkbox"/>
Solvent-free systems	<input checked="" type="checkbox"/>

☒ particularly recommended ☐ recommended

Special Features and Benefits

BYK-A 505 is entirely based on renewable resources and is therefore particularly recommended for “green” resins. The product also is VOC-free. The product’s performance is on par with traditional air release agents.

Recommended Levels

0.3-1.0 % 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 is recommended to add the product to the resin at an early stage.

Coatings Industry

Recommended Use

Architectural coatings	<input type="checkbox"/>
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☒ particularly recommended ☐ recommended

Recommended Levels

0.3-1.0 % 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.



Additive Guide



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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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