

BYK-S 782

Additive to prevent the surface tackiness of isophthalic and orthophthalic resins as well as DCPD-containing resins. Optimal film formation on the resin surface prevents the inhibiting effect of atmospheric oxygen.

Product Data

Composition

Combination of modified waxes

Typical Properties

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

Density (104 °F):	6.84 lbs/US gal
Non-volatile matter (10 min., 302 °F):	100 %
Flash point:	> 212 °F
Supplied as:	Paste

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.

Storage and Transportation

Temperature sensitive. To be stored and transported between 68 °F und 122 °F. Separation or turbidity may occur during storage and transportation. Mix well before use.

Applications

Ambient curing resin systems

Special Features and Benefits

BYK-S 782 prevents the inhibiting effect of atmospheric oxygen on the resin surface through the formation of an optimal film. This ensures tack-free surfaces. The interlaminar adhesion is not affected, but should be tested. The additive is particularly recommended for isophthalic and orthophthalic resins and can also be used in DCPD-containing resins. It is also possible to use the additive at higher ambient temperatures.

Recommended Levels

0.5-1.5 % additive (as supplied) based on the 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

BYK-S 782 should be added to the resin whilst stirring and before adding other formulation components, but after the grinding process. To facilitate handling, BYK-S 782 can be melted at 104 °F and then mixed with the resin in its liquid state. In any case, the additive must be stirred thoroughly before use.

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Additive Guide



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