

PRELIMINARY PRODUCT INFORMATION

TYPE

Highly effective defoamer in solvent-containing paint systems

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

TENTATIVE PRODUCT DATA

Determined per batch:

Colour / Appearance VLN 250

colour		colourless
appearance		clear

Iodine Colour Number DIN 6162

iodine colour number		<= 1
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	19 - 21
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Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm ³]	0,96
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Flash Point DIN EN ISO 1523

flash point approx.	[°C]	48
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SPECIAL PROPERTIES

Already in a small dosage Additol VXL 4951 N prevents foam formation and blistering during production and filling of the paints.

SUGGESTED USES

Suitable for radiation curing systems.

Additol VXL 4951 N is preferably used in long-oil and medium-oil, air drying alkyd resin systems. Especially good results are achieved in wood preservatives, vinyl resin paints, acrylic resin paints, nitrocellulose paints and chlorinated rubber paints.

PROCESSING

Additol VXL 4951 N should be added to the mill base at the beginning of the paint production during pigment dispersion. As the effectiveness of the additive is very high, for a lower dosage a predilution with ketones, esters or aromates should be done.

The recommended quantity is 0.05 - 1 % Additol VXL 4951 N, calculated on paint. An overdosage should be avoided.

When adding to the ready paint sufficient shear velocity is necessary in order to prevent cratering in the paint film.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

REMARK:

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.