

DUROXYN[®] SEF 968W/25WA

PRELIMINARY PRODUCT INFORMATION

TYPE

Non-drying epoxy resin ester, water emulsifiable

FORM OF DELIVERY (f.o.d.)

25 % in water (25WA)

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:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (500 1/s; 23 °C)	[mPa.s]	5 - 20
Acid Value DIN EN ISO 2114 acid value (f.o.d)	[mg KOH/g]	<= 3
Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g)	[%]	24,5 - 25,5
Not continually determined:		
Colour / Appearance VLN 250 colour appearance		pale yellow cl-lightcloudy
Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm ³]	1,03
Flash Point (Pensky-Martens) DIN EN ISO 2719 flash point	[°C]	> 100

SPECIAL PROPERTIES AND USE

Duroxyn SEF 968w/25WA is used as binder for fiber sizing (glass and carbon). Duroxyn SEF 968w/25WA can be easily formulated and reduced with water to the required solids content. It can be used as the sole sizing material or formulated with other waterborne sizing components. Final compatibility and sizing bath stability needs to be evaluated. Duroxyn SEF 968w/25WA provides excellent spreading properties of the fibers.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 180 days.

It is important to protect Duroxyn SEF 968w/25WA from freezing; at low temperatures it should be stored under "keep from freezing" conditions.

Lowest storage temperature: 0 °C

PRECAUTIONS

Please notice the information in the material safety data sheet (SDS).

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.

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