

TYPE

Non-drying epoxy-resin-ester, wateremulsifiable

SPECIAL PRODUCT

FORM OF DELIVERY (f.o.d.)

100 %

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity	[mPa.s]	700 - 1600
50 % diethylene glycol monobutyl ether (25 1/s; 23 °C)		

Iodine Colour Number DIN 6162

iodine colour number		<= 5
50 % diethylene glycol monobutyl ether		

Acid Value DIN EN ISO 2114

acid value (form of delivery)	[mg KOH/g]	<= 10
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Not continually determined:

Colour / Appearance VLN 250

colour		pale yellow
appearance		clear to light cloudy

Epoxy Equivalent DIN EN ISO 7142

epoxy equivalent (form of delivery)	[g/mol]	4000 - 8000
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Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,13
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Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	> 100
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SPECIAL PROPERTIES AND USE

Duroxyn SEF 968w is used as binder for glass fibre sizing. It is processed as approx. 33 % emulsion in water. For production of the emulsion Duroxyn SEF 968w is heated up at a temperature of approx. 50 °C. The necessary amount of water is added slowly while strong agitation. The water should also have a temperature of approx. 50 °C.

STORAGE

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

Duroxyn SEF 968w shall be stored at low temperatures. This ensures a better emulsifiability and constant product data.

