

TYPE

Long oil, air drying High Solids alkyd resin

FORM OF DELIVERY (f.o.d.)

100 %

RESIN COMPOSITION

(approx.)

89 % vegetable fatty acids (as triglycerides)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	450 - 800
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Iodine Colour Number DIN 6162

iodine colour number 50 % white spirit		<= 6
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Acid Value DIN EN ISO 2114

acid value (non volatile matter)	[mg KOH/g]	< 10
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Non-Volatile Matter DIN 55671

non-volatile matter (120 °C; 5 min)	[%]	98 - 100
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Not continually determined:

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	98 - 100
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Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	0,95
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Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point approx.	[°C]	130
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SUGGESTED USES

Vialkyd VAF 6091 is a High Solids long oil alkyd resin for the production of High Solids primers, wood stains and top coats. A solid content of 90 % by weight is possible in white high gloss paints. Application properties are the same as with normal conventional alkyds. Applying paints based on Vialkyd VAF 6091 on primers usually need only one layer, which leads to additional reduction of solvent emission.

For environmental reasons we suggest the use of lead-free driers, for example zircon.

STORAGE

At temperatures up to 30 °C storage stability packed in original containers amounts to at least 730 days.

