

TYPE

Physically drying acrylic resin

FORM OF DELIVERY (f.o.d.)

46 % in butyl acetate (46BAC)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	3000 - 7000
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Iodine Colour Number DIN 6162

iodine colour number		<= 2
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Acid Value DIN EN ISO 2114

acid value (non volatile matter)	[mg KOH/g]	22 - 32
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Non-Volatile Matter DIN 55671

non-volatile matter (150 °C; 10 min)	[%]	44,5 - 47,5
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Not continually determined:

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	44,5 - 47,5
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Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,01
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Flash Point DIN EN ISO 1523

flash point approx.	[°C]	23
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SPECIAL PROPERTIES

- Extremely fast solvent release
- High gloss in decorative finishes
- Good outdoor durability
- High resistance against petroleum
- Free of aromates

SUGGESTED USES

Viacryl VSC 6324/46BAC is suited to formulate rapid drying industrial coating systems with good gloss retention. Its high petroleum resistance makes it suitable for use in automotive coatings for repair finishes. Cured films based on Viacryl VSC 6324/46BAC are outdoor durable and show good non-yellowing properties.

Its rapid solvent release and the resulting rapid surface cure the formulated coating systems can only be applied by spraying.

Viacryl VSC 6324/46BAC contains some free hydroxyl groups (a medium hydroxyl content of approx. 1.2 % on resin solids), which makes cross-linking with polyisocyanates possible.

STORAGE VIACRYL VSC 6324/46BAC

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

DISTINGUISHING FEATURES

In comparison with Viacryl SC 262, Viacryl VSC 6324 has a much lower viscosity with similar coating properties.
In comparison with Viacryl SC 166, Viacryl VSC 6324 has enhanced petroleum resistance.

