

PRELIMINARY PRODUCT INFORMATION

TYPE

Acrylic resin (0.8 % OH on non-volatiles)

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.

SOLVENT COMPOSITION

Butyl acetate

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	3000 - 10000
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g; xylene)	[%]	44 - 46
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Acid Value DIN EN ISO 2114

acid value (non volatile matter)	[mg KOH/g]	6 - 12
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Colour / Appearance VLN 250

appearance		opaque
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Not continually determined:

Density (Liquids) DIN 53217 T4

density approx. (20 °C)	[g/ml]	0,97
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Flash Point DIN EN ISO 1523

flash point	[°C]	26
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TECHNICAL FEATURES

Setalux XCS 1518 BA-45 is an acrylic resin for PP substrate and is free of aromatic solvent. This resin can be utilized in primer or metallic mono-coat (1K and 2K). Very good adhesion on PP even without treatment, good water resistance, good storage stability at low temperature.

APPLICATION

Primer or monocoat on PP substrates.

DILUTABILITY

The resin is well soluble in acetate solvents (e.g. butyl acetate, butylglycol acetate, dibasic ester, isobutyl isobutyrate, ethoxyethyl propionate), aromatics (e.g. Xylene, Solvesso 100, Solvesso 150, Solvesso 200) and turpentine (e.g. Turpentine 45). Alcohol solvents are not recommended. Ketone solvents need to be tested specifically.

PACKAGE AND STORE

At temperatures up to 35 °C storage stability packed in original containers amounts to at least 365 days.

If it is stored for longer than 12 months, it is recommended that the product is rechecked for suitability in the intended application.

Storage should be under cover, out of direct sunlight and avoiding extreme temperature changes.

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.