

BALKYD 644 SFA – 70 D40



Long oil, oxidative alkyd resin, modified with distilled vegetable fatty acids and vegetable oils

Supply form:	70% solution in white spirit aromatic free D40
Use:	For production of decorative oxidative drying glossy and matt alkyd paints with low content of volatile organic solvent.
Classification:	Meets the requirements of EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogenous viscous liquid
Colour Gardner scale of 50% solution in white spirit aromatic free D40: (BNS ISO 4630)	max 6
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	70±1 %
Viscosity Brookfield at 23°C: (ISO 2555)	2500 - 4500 mPa.s
Acid number of 100% resin: (BNS EN ISO 3682)	max 10 mgKOH/g

OTHER INFORMATION

Oil content:	64 %
Density at 20°C: (BNS ISO 2811-1)	0,97 g/cm ³

Flash point, closed pot:
(BNS ISO 2719)

49°C

Solubility:

It is soluble in white spirit (aromatic) and mineral spirit (aliphatics), solvent naphtha, limited soluble in n-butanol.

Application:

Balkyd 644 SFA-70 D40 is a low-viscosity resin and is applied in the production of oxidative drying resins, used for exterior and interior finishing coatings with very good drying ability, light and weather resistance. The resin is suitable for pigmented systems in light shades.

Balkyd 644 SFA-70 D40 may be combined with other long-oil, air-drying alkyd resins.

The recommended siccation is 0,05-0,07% Co; 0,10-0,30% Ca; 0,15 -0,30 % Zr, in relation to 100% resin.

Packaging:

in metal barrels; plastic containers; cisterns made of stainless steel.

Storage:

Store in well closed packaging, in sheltered, dry and well-ventilated storage, protected from direct sunlight, at temperatures no higher than 30°C.

Storage shelf life – for 12 months from date of production.

Hygiene, safety work and ecology:

Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 644 SFA-70 D40. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed.

The present technical description has the purpose to inform the clients on the quality of our product. The data herein is based on our present best knowledge. We invite our clients before work to check the quality of the product or its adaptation to the base and to make an experimental application. Our clients must be sure, that the present technical description hasn't been changed or replaced by a newer edition.

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