

TECHNICAL DESCRIPTION
 JUNE 2014
 Cancels and replaces all previous editions

BALKYD 570 SU - 50 WS



Airy drying urethane-alkyd resin, modified with aliphatic isocyanate based on vegetable oils

Supply form:	50% in white spirit Balkyd 570 SU-50 WS contains NCO <0,1%
Use:	For production of single component polyurethane lacquers for wooden and metal surfaces.
Classification:	Meets the requirements of EU legislation.

CHARACTERISTICS

INDEXES	NORMS
Appearance : (visually)	Homogenous clear liquid
Colour Gardner : (BNS ISO 4630)	max 7
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	50±1 %
Flowing time, funnel 6 mm at 23°C: (BNS EN ISO 2431)	45-65 s
Acid number 100% of a resin: (BNS EN ISO 3682)	max 4 mgKOH/g

ADDITIONAL DETAILS

Oil content:	57 %
Density at 20°C: (BNS ISO 2811-1)	0,90 g/cm ³

Flash point, in covered pot: (BNS ISO 2719)	40°C
Viscosity Brookfield, 23°C: (ISO 2555)	250-650 mPa.s
Solubility :	Dissolves in white spirit, xylene and other aliphatic and aromatic hydrocarbons.
Application:	<p>The coatings based on Balkyd 570 SU-50 WS are noted for their very good drying ability, weather resistance, water and wear-resistance.</p> <p>The recommended siccation is: 0,08% Co , 0,09% Ca , 0,065% Zn, 0,03% Zr in relation to 100% resin.</p> <p>The resin could be combined with other alkyd resins (medium – and long oil) to improve their drying properties, their gloss and light resistance.</p>
Packaging:	In metal barrels; plastic containers; cisterns from stainless steel.
Storage:	<p>Store in closed, dry and well-ventilated storage areas, protected from direct sunlight, at temperature not higher than 30°C.</p> <p>Shelf life for storage - 12 months from date of production.</p>
Hygiene and safety work and ecology:	Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 570 SU – 50 WS. 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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