

## BALKYD 710 SFA – 90 D60



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

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| <b>Supply form:</b>    | 90% solution in white spirit aromatic free D60                              |
| <b>Use:</b>            | For production of decorative oxidative drying glossy and matt alkyd paints. |
| <b>Classification:</b> | Meets the requirements of the EU legislation.                               |

### CHARACTERISTICS

| INDEXES   | NORM                      |
|---|---------------------------|
| <b>Appearance:</b><br>(visually)  | Homogenous viscose liquid |
| <b>Colour Gardner of 50% solution in white spirit aromatic free D60:</b><br>(BNS ISO 4630)                    | max 6                     |
| <b>Non-volatile substances content, 125°C/1h:</b><br>(BNS EN ISO 3251)  | 90±1 %                    |
| <b>Conditional viscosity, DIN-4/20°C of a 70% solution in white spirit aromatic free D60</b><br>(DIN 53211-4) | 100-200 s                 |
| <b>Acid number of 100% resin:</b><br>(BNS EN ISO 3682)  | 10-18 mgKOH/g             |

### OTHER INFORMATION

|   |                        |
|---|------------------------|
| <b>Oil content:</b>                         | 71 %                   |
| <b>Density at 20°C:</b><br>(BNS ISO 2811-1) | 0,99 g/cm <sup>3</sup> |

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| <b>Flash point, closed pot:</b><br>(BNS ISO 2719)  | min 55°C  |
| <b>Viscosity Brookfield at 23°C:</b><br>(ISO 2555) | 8 000-13 000 mPa.s  |
| <b>Solubility:</b>                                 | It is soluble in mineral spirit (aliphatics) and white spirit (aromatic), solvent naphtha.  |
| <b>Application:</b>                                | <p>Balkyd 710 SFA – 90 D60 is low viscosity resin and it is applied for production of oxidative drying colourless lacquers, alkyd paints with general application, possessing very good drying properties and atmospheric resistance.</p> <p>The resin is suitable for combination with other medium and long oil, oxidative drying alkyd resins, modified with distilled vegetable fatty acids. The recommended siccation is 0,05-0,07% Co; 0,10-0,30% Ca; 0,15 - 0,30% Zr, regarding 100% of a resin.</p> |
| <b>Packaging:</b>                                  | In metal barrels; plastic containers; cisterns made of stainless steel.   |
| <b>Storage:</b>                                    | Store in well closed packages, in sheltered, dry and well-ventilated storage, protected from direct sunlight, at temperatures no higher than 30°C.<br>Storage shelf life for – 12 months from date of production.   |
| <b>Hygiene, safety work and ecology:</b>           | Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 710 SFA–90 D60. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed.   |

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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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