

Technical Data Sheet

27 March 2016

MEDIUM OIL SOYA ALKYD

KULAC MSN 52X/60

Kulac MSN 52X/60 is a medium oil length alkyd in xylene based on Soya bean oil and has been formulated to provide relatively high solids architectural coatings with good gloss, gloss retention and relatively low yellowing properties particularly in internal applications.

<u>Physical Characteristics</u>			<u>Solubility Characteristics</u> ¹	
<u>Parameter</u>	<u>Units</u>	<u>Limits</u>	<u>Solvent</u>	<u>Solubility</u>
Oil Length ¹	%	± 52	Aromatics	Soluble
Oil Type ¹	Nil	Soya	Ketones	Soluble
Non-Volatile Content as supplied	%	60 ± 2	Esters	Soluble
Acid Value (on solids)	mg KOH/g	< 10	Aliphatics	Soluble
Viscosity (25°C)	Gardner	Y – Z ₁	Alcohols	Limited
Viscosity (25°C)	Poise	20 - 30		
Colour	Gardner	< 3	<u>Compatibility</u> ¹	
Specific Gravity (25°C) ¹	Nil	± 0.94	Long Oil Alkyds	Compatible
Clarity	Nil	Clear	Medium Oil Alkyds	Compatible
BK Touch Dry ¹	Hour	3.0 max	Short Oil Alkyds	Limited
BK Hard Dry ¹	Hour	5.0 max		
Flash Point ¹	°C	> 35		

¹ Properties are provided for information purposes only and do not form part of the product specification.

Application Areas

Kulac MSN 52X/60 may be used in the formulation of economical decorative finishes such as Enamels, Undercoats and Primers.

Application Methods

Kulac MSN 52X/60 based coatings may be applied by either brush or roller.

Packaging

Kulac MSN 52X/60 is available in 190 Kg Net mild steel drums. For bulk packaging requirements please contact our Sales Department.

Storage Stability and Safety

Kulac alkyds should be stored in a cool and dry position away from direct sunlight or other heat sources below 30°C. Under these conditions the resins will have a shelf life of one year.

Special care in handling is required. Please refer to the MSDS and any local statutory requirements.

No warranty or guarantee, express or implied, is made regarding the performance or suitability in any product as the finished product formulation and/or manner of use are beyond our control.

KCMC are committed to improving all aspects of our product range through continued research and development. As such product composition and/or specifications may change without notice.