



# Kuwait Chemical Manufacturing Company KSC

الشركة الكويتية للتصنيع الكيماوي (ش.م.ك.)

## TECHNICAL DATA SHEET

14 October 2012

### LONG OIL ALKYD

### KULAC LSN 30W/70

**Kulac LSN 30W/70** is a 70% solids long oil alkyd in aliphatic solvent. **Kulac LSN 30W/70** has been formulated for use in very high quality architectural coatings, especially those that require adherence to local Bureau of Standards specifications.

#### Application Areas

**Kulac LSN 30W/70** may be used in the formulation of brush or roller applied decorative finishes such as:

- Enamels
- Undercoats
- Primers

#### Physical Characteristics

Parameter	Units	Limits
Oil Length <sup>3</sup>	%	± 62
Oil Type <sup>3</sup>	Nil	Linoleic Rich
Non-Volatile Content	%	70 ± 2
Viscosity (25°C) <sup>3</sup>	Poise	± 70
Viscosity (25°C)	Gardner	Z <sub>4</sub> – Z <sub>5</sub>
Solids @ 2 Poise in W.S. <sup>3</sup>	%	TBA
Acid Value (on solids)	mg KOH/g	12 Max.
Colour	Gardner	4 Max.
Clarity	Nil	Clear
<b>B. K. Drying Times</b> <sup>1, 3</sup>		
Touch Dry	Hours	± 2 ½
Hard Dry	Hours	± 4 ½

#### Compatibility Characteristics<sup>2, 3</sup>

Solvents	
Alcohols	Limited
Aliphatics	Compatible
Aromatics	Compatible
Esters	Compatible
Ketones	Compatible

#### Other Film Formers

Amino Resins	Incompatible
Bodied Oils	Limited
Chlorinated Rubber	Limited
Drying Oils	Compatible
Long Oil Alkyds	Compatible
Medium Oil Alkyds	Compatible

#### Note:

<sup>1</sup> Sample containing 0.05% Co and 0.5% Pb on resin solids reduced to 100 seconds Ford 4 with aliphatic solvent and matured for 48 hours. The varnish is subsequently applied at a 75µ wet film thickness to glass panels and allowed to dry under laboratory conditions.

<sup>2</sup> Compatibility characteristics are provided for guidelines only. Combinations should be thoroughly checked before use.

<sup>3</sup> Parameters are provided for information purposes only and do not form part of the product specification.

#### Packaging

**Kulac LSN 30W/70** is available in 190 Kg Net mild steel tight head drums. For alternative packaging requirements please contact our Sales Department.

#### Variants

**Kulac LSN 30W/70** is also available as a 100% solids resin version, **LSN 30N/100**, an 80% solids version, **LSN 30W/80** and a 60% solids version for bulk deliveries, **Kulac LSN 30W/60**.

#### Storage Stability and Safety

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

Kulac alkyds should additionally be stored and handled in accordance with local statutory regulations.

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