



# Kuwait Chemical Manufacturing Company KSC

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

## TECHNICAL DATA SHEET

09 November 2005

**CHAIN STOPPED SHORT OIL ALKYD**

**KULAC SSC 30X/55**

**Kulac SSC 30X/55** is a short oil chain stopped alkyd in xylene formulated to provide industrial coatings with a high degree of gloss, hardness, and durability.

### Application Areas

**Kulac SSC 30X/55** may be used in the formulation of air, airless or electrostatic spray applied industrial finishes such as:

- Air-drying Nitrocellulose and acid catalysed UF wood finishes
- Twin pack primers and enamels
- Air drying or stoving primers and enamels

### Physical Characteristics

Parameter	Units	Limits
Oil Length	%	± 30
Oil Type	Nil	Linoleic Rich
Non-Volatile Content	%	53 - 57
Viscosity (25°C)	Gardner - Holdt	Z <sub>5</sub> to Z <sub>6</sub>
Viscosity (25°C)	Poise	100 - 150
Solids @ 2 Poise	%	± 36
Acid Value (on solids)	mg KOH/g	12 Max.
Hydroxyl Equivalent Mass	g	± 300
Colour	Gardner	5 Max.
Clarity	Nil	Clear
Flash Point	°C	± 24
<b>B. K. Drying Times <sup>1</sup></b>		
Touch Dry	Minutes	± 15
Hard Dry	Hours	± 2 ½

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

Solvents	Compatibility
Alcohols	Limited
Aliphatics	Compatible
Aromatics	Compatible
Esters	Compatible
Ketones	Limited
<b>Other Film Formers</b>	
Amino Resins	Compatible
Chlorinated Rubber	Compatible
Isocyanates	Compatible
Long/Medium Alkyds	Limited
Nitrocellulose	Compatible
Short Oil Alkyds	Compatible
Styrenated Alkyds	Limited

### Note:

<sup>1</sup> Sample containing 0.05% Co and 0.5% Pb on resin solids reduced to 100 seconds Ford 4 with xylene and applied at 75µ wet film thickness to glass panels after 16 hours maturation time.

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

### Packaging

**Kulac SSC 30X/55** is available in 190 Kg Net mild steel drums. For bulk packaging requirements please contact our Sales Department.

### Storage Stability and Safety

Kulac resins 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.

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

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