



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 ₅ to Z ₆
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. K. Drying Times ¹		
Touch Dry	Minutes	± 15
Hard Dry	Hours	± 2 ½

Compatibility Characteristics ²

Solvents	Compatibility
Alcohols	Limited
Aliphatics	Compatible
Aromatics	Compatible
Esters	Compatible
Ketones	Limited

Other Film Formers

Amino Resins	Compatible
Chlorinated Rubber	Compatible
Isocyanates	Compatible
Long/Medium Alkyds	Limited
Nitrocellulose	Compatible
Short Oil Alkyds	Compatible
Styrenated Alkyds	Limited

Note:

¹ 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.

² 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

Address P. O. Box 26011, Safat, Kuwait, 13121

Telephone (+65) 326-3297 or 326-3497

Document Revision Number

SSC 30X/60 A-01

Fax (+65) 326-0179 **E-Mail**

sales@kcmckw.com

No warranty or guarantee, express or implied, is made regarding the performance or stability of any product since the manner of use and/or conditions of storage are beyond our control. Additionally, 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.