

Technical Data Sheet

13 September 2012

SHORT OIL ALKYD

KULAC SSN 37X/60

Kulac SSN 37X/60 is a short alkyd in xylene formulated to provide industrial coatings with a high degree of gloss, hardness, and economy in use.

Application Areas

Kulac SSN 37X/60 may be used in the formulation of compressed air, airless or electrostatic spray applied industrial air drying or stoving finishes such as:

- Nitrocellulose and acid catalysed Urea Formaldehyde wood finishes
- Primers and enamels

Physical Characteristics

Parameter	Units	Limits
Oil Length	%	± 37
Oil Type ¹	Nil	Linoleic Rich
Non-Volatile Content	%	58 - 62
Viscosity (25°C)	Gardner	Z ₅ to Z ₆ +
Viscosity (25°C) ¹	Poise	100 - 200
Acid Value (on solids)	mg KOH/g	10 Max.
Colour	Gardner	4 Max.
Clarity	Nil	Clear
Specific Gravity (25°C)	Nil	1.01
Solids @ 2 Poise ¹	%	± TBA
Hydroxyl Equivalent Mass ¹	g	± 445
Hydroxyl Number ¹	mg KOH/g	± 125
Hydroxyl Percentage ¹	%	± 3.8

Compatibility Characteristics ²

Solvents	
Alcohols	Limited
Aliphatics	Limited
Aromatics	Compatible
Esters	Compatible
Ketones	Compatible

Other Film Formers

Amino Resins	Compatible
Nitrocellulose	Compatible
Short Oil Alkyds	Check
Long/Medium Alkyds	Limited
Isocyanates	Check

Note:

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

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

Packaging

Kulac SSN 37X/60 is available in 190 Kg Net mild steel drums. For alternative packaging requirements please contact our Sales Department.

Storage Stability and Safety

Kulac alkyd 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.

No warranty or guarantee, express or implied, is made regarding the suitability of this product for any application since the customer's product formulation and 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.