

Technical Data Sheet

06 February 2012

CHAIN STOPPED MEDIUM OIL ALKYD IN XYLENE

KULAC MSC 50X/70

Kulac MSC 50X/70 is a 70% solids chain stopped medium oil alkyd in xylene formulated for use in fast drying industrial finishes. **MSC 50X/70** exhibits excellent toughness, mar resistance, hardness and durability combined with a fast drying time.

Application Areas

Kulac MSC 50X/70 may be used in the formulation of brush, roller or spray applied coatings such as:

- Road marking paints
- Machinery and coach enamels
- General Industrial enamels

Physical Characteristics

Parameter	Units	Limits
Oil Length ³	%	± 50
Oil Type ³	Nil	Linoleic Rich
Non-Volatile Content	%	70 ± 2
Viscosity (25°C)	Gardner	Z - Z ₂
Viscosity (25°C) ¹	Poise	20 - 40
Acid Value (on solids)	mg KOH/g	10 Max.
Colour	Gardner	7 Max.
Clarity	Nil	Clear
Specific Gravity ¹	Nil	± 1.02

Compatibility Characteristics²

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

Other Film Formers ²	Compatibility
Chlorinated Rubber	Compatible
Isocyanates	Compatible

¹ These parameters 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.

Suggested Usage

Kulac MSC 50X/70 may be used in any application where it's combination of fast drying, hardness and chemical/moisture resistance are of benefit. It is particularly recommended in the formulation of road marking paints in combination with chlorinated rubber.

Packaging

Kulac MSC 50X/70 is available in mild steel drums of 190 Kg net. For alternative packaging requirements please contact our Sales Department.

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.

This product contains mixed Xylenes and as such requires special care in handling. Please refer to our MSDS in addition to any local statutory requirements.

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.