

Preliminary Technical Data Sheet

30 January 2014

SHORT OIL ALKYD @ 55% SOLIDS IN XYLENE

KULAC SSN23X/55

Kulac SSN 23X/55 is a short oil alkyd in mixed xylenes formulated to provide coating chemists with a low cost alternative to modified alkyds in QD industrial primers and enamels. Kulac SSN 23X/55 provides coatings with very rapid hardening characteristics combined with good adhesion to metallic substrates and low yellowing tendency.

Application Areas

Kulac SSN 23X/55 may be used in the formulation of economical spray or dip applied primers and enamels where very rapid drying properties and mar resistance are required e.g.

- ✓ Temporary transportation coatings
- ✓ Scaffolding coatings
- ✓ General purpose industrial QD finishes.

Physical Characteristics

Parameter	Units	Limits
Oil Length ³	%	± 23
Oil Type ³	Nil	Linolenic Rich
Non-Volatile Content	%	53 - 57
Viscosity (25°C)	Gardner	Z ₅ to Z ₆
Acid Value (on solids)	mg KOH/g	12 Max
Colour	Gardner	6 Max
Clarity	Nil	Clear
Specific Gravity (25°C) ³	Nil	± 1.03
Solids @ 2 Poise in Xylene ³	%	± 32
Viscosity (25°C) ³	Poise	120 - 200

Compatibility Characteristics²

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

Other Film Formers²

Short Oil Alkyds	Limited
Chlorinated Rubber	Check
Amino Resins	Check

B. K. Drying Times^{1,3}

Touch Dry	Minutes	± 5
Hard Dry	Hours	± 1.5

Note:

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

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

³ These parameters are provided for information purposes only and do not form part of the product specification.

Packaging

Kulac SSN 23X/55 is available in 190 Kg Net mild steel drums. For alternative packaging requirements please contact our Sales Department.

Storage Stability and Safety

Kulac alkyds 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.

This product contains mixed xylenes and special care in handling is required. Please refer to our MSDS and 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. Each customer's products formulated on KCMC resins should be thoroughly tested and evaluated by the customer prior to commercialisation.