

Technical Data Sheet

10 May 2016

LONG OIL ALKYD @ 70% SOLIDS IN ALIPHATIC SOLVENT

KULAC LSN55WH/70

Kulac LSN 55WH/70 is a Long Oil Alkyd in aliphatic solvent and has been specifically formulated to for use in economical domestic and industrial coatings. **Kulac LSN 55WH/70** exhibits the degree of toughness, excellent economy in use while maintaining good gloss, yellowing resistance and durability.

Application Areas

Kulac LSN 55WH/70 may be used in the formulation of architectural brush or roller applied decorative enamels, undercoats, primers and general industrial enamels.

Physical Characteristics

| Parameter | Units | Limits |
|--|----------|---------------------------------|
| Oil Length ³ | % | ± 55 |
| Oil Type ³ | Nil | Linolenic Rich |
| Non-Volatile Content | % | 70 ± 2 |
| Viscosity (25°C) | Gardner | Z ₉ Minimum |
| Acid Value (on solids) | mg KOH/g | 10 Max |
| Colour | Gardner | 5 Max |
| Clarity | Nil | Clear |
| Reduced Viscosity@ 55% ³ | Gardner | Z ₂ – Z ₄ |
| Solids @ 2 Poise ³ | % | ± 40 |
| Viscosity (25°C) ³ | Poise | 500 - 1000 |
| B. K. Drying Times ^{1,3} | | |
| Touch Dry | Hours | ± 3 |
| Hard Dry | Hours | ± 5 |

Compatibility Characteristics²

| Solvents | Compatibility |
|--|---------------|
| Alcohols | Limited |
| Aliphatics | Compatible |
| Aromatics | Compatible |
| Esters | Compatible |
| Ketones | Compatible |
| Other Film Formers ² | |
| Bodied Oils | Compatible |
| Chlorinated Rubber | Limited |
| Drying Oils | Compatible |
| Long Oil Alkyds | Compatible |
| Medium Oil Alkyds | Compatible |
| Short Oil Alkyds | Limited |

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.

Suggested Usage

Kulac LSN 55WH/70 is particularly suited to applications where its' good durability, gloss and yellowing resistance are of benefit.

Packaging

Kulac LSN 55WH/70 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. As such each customer product formulated on KCMC resins should be thoroughly tested and evaluated by the customer prior to commercialisation.