

# TECHNICAL DATA SHEET

## LONG OIL ALKYD RESIN BASED ON SOYBEAN OIL

### AFAAQ ALKYD L-58

#### General Description:

**AFAAQ ALKYD L-58** is a premium-quality long oil alkyd resin based on refined soybean oil and supplied in white spirit. The resin is specifically designed for the manufacture of decorative and architectural coatings requiring excellent flow, leveling, brushability, gloss retention, and weather resistance.

The long oil length provides superior flexibility, good adhesion, and excellent application properties, making it particularly suitable for air-drying enamels, primers, wood finishes, varnishes, and maintenance coatings. AFAAQ ALKYD L-58 offers a balanced combination of durability, ease of application, and cost-effectiveness, making it an ideal binder for a wide range of solvent-based coating formulations.

#### Characteristics:

| SL. NO. | PROPERTY                             | TEST STANDARD | UNIT     | TYPICAL VALUE     |
|---------|--------------------------------------|---------------|----------|-------------------|
| 1       | Oil Type                             | Internal      | -        | Soybean Oil       |
| 2       | Oil Content                          | Internal      | %        | 65                |
| 3       | Solvent                              | Internal      | -        | White Spirit      |
| 4       | Appearance                           | ASTM E2680    | Visual   | Clear Pale Liquid |
| 5       | Non-Volatile Content (150°C, 1 Hour) | ASTM D1259    | %        | 58 ± 1            |
| 6       | Viscosity (As Such, 25°C)            | ASTM D1545    | Gardner  | Z3 – Z4           |
| 7       | Viscosity (50% NV, 25°C)             | ASTM D1545    | Gardner  | U – V             |
| 8       | Acid Value on Solids                 | ASTM D1639    | mg KOH/g | ≤ 8.0             |
| 9       | Color (50% NV, 25°C)                 | ASTM D6166    | Gardner  | ≤ 4.0             |

#### Applications:

- Decorative Paints
- Wood Coatings
- Primers
- Topcoats
- Clear Coats and Varnishes
- Architectural Coatings

#### Packaging:

Available in:

- 180 kg Steel Drums
- Bulk Tanker Deliveries

#### Storage:

Store in tightly closed original containers in a cool, dry, and well-ventilated area below 30°C. Avoid direct exposure to sunlight, sparks, open flames, and other ignition sources. Ensure adequate ventilation during storage and handling. Containers should be kept sealed when not in use to prevent solvent loss and contamination.

#### Shelf Life:

24 months from the date of manufacture when stored under recommended storage conditions in unopened original containers.

#### Health and Safety:

Refer to the latest Safety Data Sheet (SDS) before handling or use. Appropriate personal protective equipment (PPE), including safety glasses, gloves, and protective clothing, should be worn during handling and application. Avoid inhalation of vapors and contact with skin or eyes. Ensure adequate ventilation in working areas. Keep away from heat, sparks, open flames, and other sources of ignition.

#### Contacts us:

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