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ALKYPHOENIX S60-70

DESCRIPTION

ALKYPHOENIX S60-70 is a soya oil modified, long oil pentaerythritol esterified alkyd resin. It is recommended for use in high quality decorative paint and drying enamels with excellent gloss. It has good brushability and dries to form a durable film.

ALKYPHOENIX S60-70 has excellent non-yellowing resistance, initial gloss and gloss retention.

TYPICAL APPLICATIONS

Air drying architectural and decorative paints, alkyd resin varnishes, structural steel paints and marine paints.

RECOMMENDED DRIER COMBINATION

Active metal on resin solids:

| | |
|-------------|------|
| Cobalt % | 0.06 |
| Calcium % | 0.10 |
| Zirconium % | 0.30 |

STORAGE

To ensure maximum stability and optimum resin properties, resin should be stored in closed containers at temperature below 30°C and away from heat sources and sunlight. All storage should conform to local fire and building codes. Drums should be stored away from all sources of flame or combustion. When properly stored, resin will remain stable for 12 months from the date of delivery.

| Specifications | |
|-------------------------------------|--------------------------|
| Clarity | Clear, free of particles |
| Color (Gardner) | 6 Max |
| Acid Value (mg KOH /g solid) | 4 - 10 |
| Viscosity 70% solid (25°C, Gardner) | Z6 - Z8 |
| Solvent type | Mineral spirit |
| Non-Volatile Content (125°C, %) | 69 - 71 |

| Composition | |
|-----------------------|----|
| Oil Content (approx) | 60 |
| Phthalic Anhydric | 27 |

| Typical properties | |
|---------------------------------|-------------|
| <i>Specific Gravity at 25°C</i> | 0.96 ± 0.02 |
| <i>Solubility</i> | |
| - Mineral Spirit | Soluble |
| - Xylene | Soluble |
| - Toluene | Soluble |
| - Butyl Acetate | Soluble |
| <i>Compatibility</i> | |
| - Drying Oils | Limited |
| - Long Oil Alkyd | Complete |
| - Medium Oil Alkyd | Limited |
| - Short Oil Alkyd | None |
| - Amino Resin | None |