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ALKYPHOENIX S63 - 80

DESCRIPTION

ALKYPHOENIX S63 - 80 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 S63 - 80 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)	3 - 9
Viscosity, 80% solid (25°C, Gardner)	Z6 - Z8
Solvent type	Mineral spirit
Non-Volatile Content (125°C, %)	79 - 81

Composition	
Oil Content (approx)	63
Phthalic Anhydric	25

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