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ALKYPHOENIX S60-80HV

DESCRIPTION

ALKYPHOENIX S60-80HV 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 S60-80HV 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)	< 10
Viscosity 80% solid (25°C, Gardner)	> 10
Solvent type	Mineral spirit
Non-Volatile Content (125°C, %)	79 - 81

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