

Technical Data Sheet

16 January 2011

SHORT OIL ALKYD

KUDEC SSP 30S/70

**Kudec SSP 30S/70** is a short oil alkyd supplied in 3:1 Solvent Naphtha 150:Butyl Glycol and formulated to provide cost effective coil coating systems with good adhesion to mild steel substrates and salt spray resistance.

**Application Areas**

**Kudec SSP 30S/70** may be used in the formulation of coil coatings for applications such as:

- Primers
- Backing Coats

**Physical Characteristics**

Parameter	Units	Limits
Oil Length	%	± 30
Oil Type	Nil	Linoleic Rich
Non-Volatile Content	%	68 - 72
Viscosity (25°C)	Gardner	Z <sub>1</sub> to Z <sub>2</sub>
Viscosity (25°C)	Poise	30 - 50
Acid Value (on solids)	mg KOH/g	4 - 8
Hydroxyl Equivalent Mass	g	± 1060
Hydroxyl Number	mg KOH/g	± 53
Hydroxyl Percentage	%	± 1.6
Colour	Gardner	5 Max
Clarity	Nil	Clear

**Compatibility Characteristics <sup>1</sup>**

Solvents	Other Film Formers
Alcohols	Amino Resins
Aliphatics	Chlorinated Rubber
Aromatics	Isocyanates
Esters	Long/Medium Alkyds
Ketones	Nitrocellulose
	Short Oil Alkyds

**Note:**

<sup>1</sup> Compatibility characteristics are provided for guidelines only. Combinations should be thoroughly checked before use.

**Areas of use**

**Kudec SSP 30S/70** may be used, in conjunction with a suitable amino resin, such as Hexamethoxymethyl Melamine (HMMM) or Benzoguanamine, in the manufacture of single pack stoving industrial primers applied by conventional techniques.

**Packaging**

**Kudec SSP 30S/70** is available in 190 Kg Net mild steel drums. For alternative packaging requirements please contact our Sales Department.

**Storage Stability and Safety**

Kudec resins should be stored in a cool, dry position below 30°C and away from direct sunlight or other heat sources. 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.

KCMC are committed to improving all aspects of our product range through continued research and development. As such product composition and/or specifications may change without notice.