

Technical Data Sheet

13 April 2015

METAL DECORATING SHORT OIL ALKYD - Preliminary

KUDEC STN 33SN2/60

Kudec STN 33SN2/60 is a 60% solids short oil alkyd in solvent naphtha formulated for use in metal decorating applications. **STN 33SN2/60** exhibits excellent toughness, mar resistance, hardness, and flexibility.

Application Areas

Kudec STN 33SN2/60 has been specifically formulated for use in overprint varnishes in conjunction with suitable cross linking amino resins.

Physical Characteristics

Parameter	Units	Limits
Oil Length ²	%	± 33
Oil Type ²	Nil	Non-drying
Non-Volatile Content	%	60 ± 2
Volatile	Nil	SN 150
Viscosity (25°C)	Gardner	± Z ₆
Viscosity (25°C) ²	Poise	150 - 250
Acid Value (on solids)	mg KOH/g	5 - 10
Colour	Gardner	2 Max.
Clarity ²	Nil	Clear
Specific Gravity ²	Nil	TBA

Compatibility Characteristics ¹

Solvents ¹	
Alcohols	Limited
Aliphatics	Incompatible
Aromatics	Compatible
Esters	Compatible
Ketones	Compatible

Other Film Formers ¹	
Amino Resins	Compatible
Bodied Oils	Not determined
Chlorinated Rubber	Not determined
Drying Oils	Not determined
Short Oil Alkyds	Not determined
Isocyanates	Not determined

Note:

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

² These parameters are provided for information purposes only and do not form part of the product specification.

Suggested Usage

Kudec STN 33SN2/60 may be used in any application area where its' combination of properties are of benefit. It is particularly recommended in the formulation of metal decorating varnishes.

Packaging

Kudec STN 33SN2/60 is available in mild steel drums of 190 Kg net. For alternative packaging requirements please contact our Sales Department.

Storage Stability and Safety

Kudec alkyd resins should be stored below 30°C in a cool, dry position away from direct sunlight or other heat sources. Under these conditions the resins will have a shelf life of one year.

Kudec 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.