

**MPD** INDUSTRIES PVT. LTD

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**Technical data shee** 

# Medium oil Fatty Acid Alkyd Resin Economy

## Description

ALK 3955 55 is Medium oil oxidising modified polyester resin for air drying applications. The colour of alkyd is dark brown.

## Suggested uses

Low Cost industrial & architectural Paints Quick air drying metal primer & finishes

Anti corrosion primers for metals

Dark colour paints Low Cost air drying and stoving enamels Primers for auto finishes

## Solubility / Thinnability

Aliphatic Hydrocarbons Aromatic Hydrocarbons Clorinated Hydrocarbons Esters Ketones Glycol ethers and esters Insoluble in Alcohols

### Performance

Good Drying Excellent Gloss Economy in use

## Stability

Under the above-mentioned storage conditions the Stability of the resin will be 24 months ex-work

# ALK 3955 55 Typical Physical and Chemical Properties

Solvent	Mineral turpentine
	oil/ White Spirit
Oil Lenghth in %	50
Acid Value (mg Koh/gm)Max.	15
Reducer	40 % in MTO/WS
Colour .	Dark Brown
Viscosity 30 C Ford cup FCB4 Sec	230 - 250
Solid Contents in % , 120 C/1 Hr.	54 - 56
Drving time	

#### Drying time

0.5% lead ,0.05% cobalt and 0.1 % Calcium metal on solid resin basis @ 30 C In lead free systems use 0.2% - 0.6% of Zirconium can be used as an alternative to Lead. Surface dry 2 - 3 hrs

	2 0 1110
Tack free	4 - 5 hrs
Hard dry	Overnight

Drying time is related to relative humidity and aromatic contents of MTO / White Spirit

### Storage

It should be stored indoors in the original, unopened and undamaged containers in a dry Place at storage temperatures between 5°C&30°C. Exposure to sun shine

should be avoided

#### Packing Codes

PAC 1000Bulk tankers Mild steelPAC 0011Iso TankPAC 1010Steel Closed head drums 190 Kgs netPAC 5010Second hand Steel Closed head drums 190 Kgs\* Special packing also available on request

Version 01

Date of issue:01/01/13 Supersedes : \_ \_

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