

## ALKYD FA40 X65 – Short Oil Alkyd Resin

### DESCRIPTION

ALKYD FA40 X65 is a Soybean Fatty Acid Based Short Oil Alkyd Resin

### PRINCIPLE PROPERTIES

- ✓ Excellent hardness
- ✓ High weathering resistance
- ✓ Good yellowing resistance
- ✓ Good gloss and flexibility

### RECOMMENDED APPLICATIONS

- ✓ Stoving primer systems
- ✓ Base coat wood paints and wood varnishes
- ✓ Cellulosic Application

### SOLUBILITY

Solvent Type	Solubility
Toluene	+
Xylene	+
White Spirit	-
n-Butanol	-
Methyl-Ethyl Ketones	+
Glycol Ethers	+

### COMPATIBILITY

Resin Type	Compatibility
Rosin Esters	-
Amino Resins	+
Short Oil Alkyds	+
Medium Oil Alkyds	+
Long Oil Alkyds	-
Aliphatic Hardeners	+
Aromatic Hardeners	+
Cellulosic Resin	+
Polyether Polyol	-

### TECHNICAL SPECIFICATIONS

Composition		
Oil type	Soybean Fatty Acid	
Oil Length, %	~40%	
Solvent	Xylene	
PA Content, %	~22 %	
Appearance	Clear	
OH%	2,3	
Test	Range	Method
Non Volatile, %	65±2 %	ISO 3251
Viscosity (25°C) Pa.s	14 - 20	ISO 3219
Acid Value (mgKOH/g)	15 max	ISO 2114
Color (Gardner)	7 max	ISO 4630-2
Density (g/cm <sup>3</sup> )	1.02±0,02	ISO 2811-1

### PACKAGING AND DELIVERY FORM

Resin is supplied in steel drums with a net content of 200 Kg per drum. For the other package condition, please contact with us.

### RECOMMENDED DRIER COMBINATIONS

Calculated usage rates

ALKYD /Amino Resins 2:1/4:1

ALKYD/Cellulosic Resin 1:1/2:1

Cobalt 0.04 - 0.06 %; Zr 0.05 - 0.07 %; Calcium 0.08 - 0.10 %

### STORAGE AND SHELF LIFE

Store at temperatures between 5-30 °C, well-sealed packaging, dry and well-ventilated storage, should be avoided from direct sunlight.

Storage Shelf Life – 12 months from date of production.

### MATERIAL SAFETY

Before handling the product, the SDS should always be read and well understood.

Safety procedures should be followed.