

"MAGIC IN PAINTS"

## SMK-6000

### SEMKYD FA 50 X 60

#### DESCRIPTION

SMK-6000 is Special Fatty Acid based Medium Oil Alkyd Resin.

#### PRINCIPLE PROPERTIES

- ✓ Very good mechanical resistance
- ✓ Excellent hardness and flexibility
- ✓ Very good gloss and gloss retention
- ✓ High chemical and weathering resistance

#### RECOMENDED APPLICATIONS

- ✓ Anticorrosive paints
- ✓ Metal Surface
- ✓ Industrial varnishes and paints

#### SOLUBILITY

Solvent Type	Solubility
Toluene	+
Xylene	+
White Spirit	+
Buthanol	-
Methy-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	+
Isocyanate Hardener	-
Polyether Polyol	-

#### TECHNICAL SPECIFICATIONS

Composition		
Oil type	Special Fatty Acid	
Oil Lenght, %	~50 %	
Solvent	Xylene	
PA Content, %	%27	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	60±2 %	ISO 3251
Viscosity (25°C) Pa.s.	1,7-2,5	ISO 3219
Acid Value (mgKOH/g)	10 max	ISO 2114
Color (Gardner)	7 max	ISO 4630-2
Density (g/cm <sup>3</sup> )	0,91±0,02	ISO 2811-1

#### PACKAGING AND DELIVERY FORM

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

#### RECOMMENDED DRIER COMBINATIONS

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

- As metals in relation to 100% resin

#### STORAGE AND SHELF LIFE

Store in 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 , SDS of SMK-6000 should always be read and well understood.

Safety prodecures should be followed.

This document is prepared by SEMKIM authorized person. To more information please visit [www.semkim.com.tr](http://www.semkim.com.tr)