

"MAGIC IN PAINTS"

## SMK-4300

### SEMKYD S 45 X 60 ST

#### DESCRIPTION

**SMK- 4300** is a Soybean Oil based high Styrene modified Short Oil Alkyd Resin.

#### PRINCIPLE PROPERTIES

- ✓ Very fast drying
- ✓ Excellent hardness and flexibility
- ✓ Very good chemical and high yellowing resistance

#### RECOMENDED APPLICATIONS

- ✓ Hammertone Paints and sprayable paints
- ✓ Very fast drying industrial paints

#### SOLUBILITY

Solvent Type	Solubility
Toluene	+
Xylene	+
White Spirit	+
n-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	-
Cellulosic Resin	-
Phenolic Resin	-

#### TECHNICAL SPECIFICATIONS

Composition		
Oil type	Soybean Oil	
Oil Lenght, %	~45%	
Solvent	Xylene&Styrene	
PA %	15 %	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	60±2 %	ISO 3251
Viscosity (25°C) Pa.s	0,6 -1	ISO 3219
Acid Value (mgKOH/g)	10 max	ISO 2114
Color (Gardner)	7 max	ISO 4630-2
Density (g/cm <sup>3</sup> )	1.00±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-4300** 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)