

"MAGIC IN PAINTS"

## SMK-4365

### SEMKYD TFA 46 X 60 ST

#### DESCRIPTION

SMK-4365 is a Tall Oil Fatty Acid based Styrene modified Short Oil Alkyd Resin.

#### PRINCIPLE PROPERTIES

- ✓ Very fast drying and good elasticity
- ✓ Very high gloss and gloss retention
- ✓ Excellent hardness and very good sprayability
- ✓ Yellowing resistance

#### RECOMENDED APPLICATIONS

- ✓ Top coats and hammer paints
- ✓ Very quick drying industrial primers

#### 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	+
Polyether Polyol	-

#### TECHNICAL SPECIFICATIONS

Composition		
Oil type	Special Fatty Acid	
Oil Lenght, %	~46%	
Solvent	Xylene & Styrene	
PA Content, %	~34 %	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	60±2 %	ISO 3251
Viscosity (25°C) Pa.s	3-6	ISO 3219
Acid Value (mgKOH/g)	10 max	ISO 2114
Color (Gardner)	6 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 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-4365 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)