

"MAGIC IN PAINTS"

SMK-4444

SEMKYD FA 40 TX 65

DESCRIPTION

SMK-4444 is a Special Fatty Acid Based Short Oil Alkyd Resin

PRINCIPLE PROPERTIES

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

RECOMENDED APPLICATIONS

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

SOLUBILITY

Solvent Type	Solubility
Toluene	+
Xylene	+
White Spirit	-
n-Butanol	-
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 Length, %	~40%	
Solvent	Xylene or Toluene	
PA Content, %	~22 %	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	65±2 %	ISO 3251
Viscosity (25°C) Pa.s	14 - 20	ISO 3219
Acid Value (mgKOH/g)	10 max	ISO 2114
Color (Gardner)	7 max	ISO 4630-2
Density (g/cm ³)	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

Calculated usage rates

SMK 4444/Amino Resins 2:1/4:1

SMK 4444/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 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-4444 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