

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

RECOMMENDED APPLICATIONS

- ✓ Stoving primer systems and topcoat 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	Special Fatty Acid	
Oil Length, %	~40%	
Solvent	Xylene or Toluene	
PA Content, %	35 %	
Appearance	Clear	
OH%	2,3	
Test	Range	Method
Non Volatile, %	65±2 %	ISO 3251
Viscosity (25°C) Pa.s	5-12	ISO 3219
Acid Value (mgKOH/g)	10 max	ISO 2114
Colour (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 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

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 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 of SMK-4444 should always be read and well understood. Safety procedures should be followed.