

"MAGIC IN PAINTS"

SMK-9001 SEMKYD FA 38 X 60 PU

DESCRIPTION

SMK-9001 is a Special Fatty Acid Based PU modified Short Oil Alkyd Resin

PRINCIPLE PROPERTIES

- ✓ Excellent gloss and flexibility
- ✓ Very good weathering resistance
- ✓ High yellowing resistance
- ✓ Excellent hardness

RECOMENDED APPLICATIONS

- ✓ Cellulosic varnish systems and paint
- ✓ Polyurethane lacqures and sealers
- ✓ Stoving Primers application

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, %	~38%	
Solvent	Xylene	
PA Content, %	~21 %	
OH%	5	
Test	Range	Method
Non Volatile, %	60±2 %	ISO 3251
Viscosity (25°C) Pa.s	28 -35	ISO 3219
Acid Value (mgKOH/g)	10 max	ISO 2114
Color (Gardner)	7 max	ISO 4630-2
Density (g/cm ³)	0.99±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-9001/Amino resin 2:1/3:1/3:2/4:1

SMK-9001/Cellulosic resin 1:1/3:2/2:1

SMK 9001/PU Hardener 1:1/2:1

Oven Applications Conditions 15' at 150 °C or 30' at 120 °C

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-9001 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