

"MAGIC IN PAINTS"

## SMK-0360

### SEMKYD CFA 36 BG 60

#### DESCRIPTION

SMK-0360 is a Coconut Oil Fatty Acid Based Stoving/Reactive/NC Combination Short Oil Alkyd Resin

#### PRINCIPLE PROPERTIES

- ✓ Very light coloured transparent film
- ✓ Very good chemical and mechanical resistance
- ✓ Very high yellowing resistance
- ✓ Very high gloss and gloss retention

#### RECOMENDED APPLICATIONS

- ✓ In combination with Amino Resins for high reactive primers and Top Coats
- ✓ Hammertone paints
- ✓ Laquers for Can Top Coating

#### 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	+

#### TECHNICAL SPECIFICATIONS

Composition		
Oil type	Coconut Oil Fatty acid	
Oil Lenght, %	~36 %	
Solvent	Butyl Glycol & Sol.100	
PA Content, %	~39 %	
%OH	~ 4	
Test	Range	Method
Non Volatile, %	60±2 %	ISO 3251
Viscosity (25°C) Pa.s	1 - 3	ISO 3219
Acid Value (mgKOH/g)	10 max	ISO 2114
Color (Gardner)	5 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 CURING COMBINATIONS

Calculated Usage Rates

SMK 0360/Amino resins 2/1-3/1-3/2-4/1

SMK 0360/Cellülosic Resin 1/1-3/2-2/1

Oven Applications Conditions 10' at 160 °C or 30' at 130 °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-0360 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)