



TECHNICAL DATA SHEET DCS145 – X60

(Dorsa Chemie Short Oil Alkyd Resin)

DESCRIPTION:

DCS145 – X60 is a Short-Oil, Fast air-drying Alkyd Resin based on coconut oil fatty acid.

PROPERTIES:

Excellent hardness, Excellent gloss and gloss retention , good weather resistance, excellent adhesion to metal and wood, good Elasticity and plasticizing properties. very good pigment wetting and dispersing.

SUGGESTED USES:

- Industrial paints and coating .
- Lacquers, stoving enamels and paints
- Amino modified lacquers, Wood coatings.
- Varnishes and clear coats.

FORM OF SUPPLY:

% 60 solution in Xylene

SPECIFICATION:

Solid content	: 60 ± 1 %	ASTM D-1259
Type of Oil	: coconut oil	
Oil content	: % 32	
Type of Polyol	: mixed of Polyols	
Acid value	: max 10 (mg KOH /g)	ASTM D-1639
Viscosity (25° C) Stock	: 300 – 450	ASTM D-1545
Color (Gardner)	: max 1	ASTM D-1544

DILUTABILITY:

Aliphatic	white sprit	limited
Aromatic	Xylene	dilutable
	Toluene	dilutable
Esters	Butyl Acetate	dilutable
	Ethyl Acetate	dilutable
Ketons	Acetone	dilutable
	MEK	dilutable
Alcohols	Buthanol	dilutable
	Ethanol	dilutable



COMPATIBILITY:

Long oil alkyd	Incompatible
Short oil alkyd	Compatible
Medium oil	Incompatible
Aliphatic polyIsocyanate	Compatible
Amino resin	Compatible
Hydroxyl acrylic Resin	Incompatible

STORAGE: This product must be stored in a cool and dry place below 35 °C and away from direct sun light.

PACKAGING: In 200 Kgs. Net steel drums.

DORSA CHEMIE CO. (PAINT & RESINS)
www.dorsachemie.com