

TECHNICAL DATA SHEET
SERPOX DC42X60
DCOFA Based, Vinyl Modified, Epoxy Ester Resin
PROPERTIES

- Excellent gloss and flexibility
- High weathering resistance
- Very good drying
- Good color retention

SUGGESTIONS FOR USE

- Decorative primer and top coat paints
- Wood paint and varnishes
- Interior and exterior top coat paints

SOLUBILITY

Solvent Type	Solubility
Toluene	+
Xylene	+
White Spirit	-
n-Butanol	-
Methyl Ethyl Ketone	+
n-Butyl Acetate	+
Glycol Ethers	+
Note: + Soluble - Insoluble	

COMPATIBILITY

Resin Type	Compatibility
Short Oil Alkyd Resin	+
Medium Oil Alkyd Resin	-
Long Oil Alkyd Resin	-
Aliphatic Hardeners	-
Aromatic Hardeners	-
Isocyanate Hardeners	-
Amino Resins	+
Maleic Resins	-
Cellulosic Resins	-
Phenolic Resins	+
Polyether Polyols	-
Rosin Esters	+
Note: + Compatible - Incompatible	

TECHNIC SPECIFICATIONS

Oil Type	Dehydrated castor oil fatty acid
Oil percentage	~ %42
Epoxy resin percentage	~ %52
Solvent	Xylene
Solid Content %	60 ± 1
Acid Value (mg KOH/g)	Max. 12
Color ,Gardner (%50 Solid)	Max. 6
Viscosity (25°C, GHT)	25-50" Y/Z1+
Appearance	Clear
Density (gr/cm ³)	0,98

SUGGESTIONS FOR PRODUCT
Leaded Dryer Content

0,01 - 0,03 % Co
 0,2 - 0,4 % Pb

Lead Free Dryer Content

0,01 - 0,03 % Co
 0,1 - 0,2 % Ca

Dryer content is calculated metal percentages from solid alkyd resin

STORAGE AND SHELF LIFE

The product should be stored indoors in the original unopened and undamaged packages in a dry place at storage temperatures between 5 °C and 30 °C. Exposure to direct sunlight should be avoided. The shelf life of the resin which under the mentioned storage conditions is 12 months.

MATERIAL SAFETY

A material safety data sheet of product is available on requests.

PACKAGING

Resin is supplied in %60 Xylene in steel drum with net content 200 kg.