

Solvoya® D6546-X

Edition 04-2020

Solvoya® D6546-X is a chain stopped short oil air-drying alkyd resin based on soya oil F.A & soya bean oil - available in solids of 60.0±1.0% in xylene.

Mode of application: Air physical dry, Nitrocellulose and catalyzed drying.

PERFORMANCE & APPLICATIONS

- Chain stopped
- Excellent salt spray resistance
- Extremely fast dry with good adhesion to metal
- Automotive refinishing enamels
- Excellent isolating varnish & wire enamels
- Corrosion resistance primers
- White air drying & stoving finishes
- 2K PU for wood finish
- Road Marking paints
- Recommended for improving curing of NC-sealer

SUPPLY SPECIFICATIONS

• Delivery form	60.0 ± 1.0%
• Dilution form	60.0 ± 1.0%
• Gardner viscosity at 25°C	Z3-Z4 at 60.0%
• Brookfield approx. viscosity at 25°C	Approx. 4600 CP at 60%
• Gardner Color Scale DIN EN ISO 6271-1	6.0 max.
• Acid value mg KOH/gm solid	12.0 max.
• OH - Content (per solid)	3.00%

TYPICAL COMPOSITION

• Phthalic anhydride content	30%
• Type of oil	Soya oil F.A & Soya bean oil
• Oil Content	35%
• Type of Polyol	Penta
• Type of Solvent(s)	Xylene

SPECIFIC PROPERTIES

• Aliphatic hydrocarbon	Insoluble	• Zinc white	Limited compatibility
• Aromatic hydrocarbon	Soluble	• Red Lead	Incompatible
• Chlorinated hydrocarbon	Limited solubility	• Nitrocellulose	Compatible
• Alcohols	Insoluble	• Chlorinated rubber	Limited compatibility
• Esters	Soluble	• Stand oil	Incompatible
• Ketones	Soluble	• Isocyanate	Limited compatibility
• Glycol-ethers & esters	Soluble	• Urea/melamine resins	Limited compatibility

STORAGE

Solvoya® D6546-X is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

STABILITY

Solvoya® D6546-X is stable for more than 24 months from the date of production mentioned on the pack of each patch, with reference to the above mentioned storage conditions.

REMARKS

- For Ideal Drying time test results, EBCA recommends testing after 48 hours from adding the driers to the paint (min. 24 hours).
- The combinations must be tested for their compatibility

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you to obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.