

Solvoya® D5970-X

Edition 04-2020

Solvoya® D5970-X is a standard short oil air-dry alkyd resin based on Soya bean oil or Soya Fatty Acid - available in solids from 60% to 70 ± 1% in Xylene

Mode of application: Air physical dry, Bake, NC and/or catalyzed dry.

PERFORMANCE & APPLICATIONS

- Good weathering & color retention durability
- Excellent adhesion properties
- Excellent drying properties with tough film and abrasion resistance
- Very high viscosity
- Used for undercoat enamels, stoving enamels (100°C - 140°C)
- Recommended 2K PU for wood finish
- Recommended for Structural steel paints & NC – lacquers

SUPPLY SPECIFICATIONS

• Delivery form	60.0 ± 1%
• Dilution form	60.0 ± 1%
• Acid value mg KOH/gm solid	15.0 max.
• Gardner viscosity at 25°C	Approx. Z4-Z6 at 60%
• Brookfield approx. viscosity at 25°C	Approx. 7,000 CP at 60%
• OH-Content (Per solids)	3.20%
• Gardner Color Scale DIN EN ISO 6271-1	6.0 max.

TYPICAL COMPOSITION

• Phthalic anhydride content	40%
• Type of oil	Soya bean oil or Soya Fatty Acid
• Oil Content	41%
• Type of Polyol	Mixed polyols
• Type of Solvent(s)	Xylene

SPECIFIC PROPERTIES

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

STORAGE

Solvoya® D5970-X is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

STABILITY

Solvoya® D5970-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 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.