

# Solvoya® D5936-X HS

Edition 04-2020

Solvoya® D5936-X HS 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

## PERFORMANCE & APPLICATIONS

- Good weathering & color retention durability
- Excellent adhesion properties
- excellent drying properties with tough film and abrasion resistance
- 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	70.0 ± 1%
• Dilution form	60.0 ± 1%
• Acid value mg KOH/gm solid	12.0 max.
• Gardner viscosity at 25°C	Approx. Z2 at 60%
• Brookfield approx. viscosity at 25°C	Approx. 3,600 CP at 60%
• OH-Content (Per solids)	2.90%
• Gardner Color Scale DIN EN ISO 6271-1	5.0 max.

## TYPICAL COMPOSITION

• Phthalic anhydride content	40%
• Type of oil	Soya bean oil or Soya Fatty Acid
• Oil Content	41%
• Type of Polyol	Glycerin
• 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® D5936-X HS is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

## STABILITY

Solvoya® D5936-X HS 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

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