

# Solvoya® D5936-X

Edition 04-2020

Solvoya® D5936-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
- 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            | 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 is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

## STABILITY

Solvoya® D5936-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

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