

# Solvoya® D6446-X

Edition 04-2020

Solvoya® D6446-X is a standard short oil air-dry alkylid resin based on soya oil F.A & soya bean oil - available in solids of 60% ± 1% in Xylene

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

## PERFORMANCE & APPLICATIONS

- Very good yellowing resistance
- Excellent hardness and adhesion properties
- Excellent gloss and color retention
- Good color retention & high gloss
- Used for Gloss and semi-gloss PU for wood finishes
- Recommended for NC lacquer, Industrial paints & Baking enamels

## SUPPLY SPECIFICATIONS

• Delivery form	60.0 ± 1%
• Dilution form	60.0 ± 1%
• Acid value mg KOH/gm solid	10.0 max.
• Gardner viscosity at 25°C	Approx. Z2-Z4 at 60%
• Brookfield approx. viscosity at 25°C	Approx. 4,600 CP at 60%
• Gardner Color Scale DIN EN ISO 6271-1	3.0 max.

## TYPICAL COMPOSITION

• Phthalic anhydride content	42%
• Type of oil	Soya oil F.A & soya bean oil
• Oil Content	36%
• Type of Polyol	Mixed polyol
• 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	Insoluble	• Chlorinated rubber	Incompatible
• Esters	Soluble	• Stand oil	Incompatible
• Ketones	Soluble	• Isocyanate	Incompatible
• Glycol-ethers & esters	Soluble	• Urea/melamine resins	Compatible

## STORAGE

Solvoya® D6446-X is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

## STABILITY

Solvoya® D6446-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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