

# Solvoya® N6597-X

Edition 04-2020

Solvoya® N6597-X is a short oil Non-dry alkyd resin based on Coconut oil - available in solids from 60% to 70±2% in Xylene

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

## PERFORMANCE & APPLICATIONS

- Excellent adhesion and gloss level
- Good mechanical performance
- Good hardness, adhesion and flexibility
- High viscosity level
- Used for NC-systems, stoving enamels for furniture and automotive refinishes
- Recommended for tinfoil varnishes and for furniture lacquers
- Recommended for non-yellowing baking enamels
- Suitable for PU-finishes & general purpose stoving enamels

## SUPPLY SPECIFICATIONS

• Delivery form	70.0 ± 2%
• Dilution form	60.0 ± 2%
• Acid value mg KOH/gm solid	8.0 max.
• Gardner viscosity at 25°C	Approx. Z10 at 70%
• Brookfield approx. viscosity at 25°C	Approx. 3,200 CP at 60%
• OH-Content (Per solids)	4.00%
• Gardner Color Scale DIN EN ISO 6271-1	3.0 max.

## TYPICAL COMPOSITION

• Phthalic anhydride content	44%
• Type of oil	Coconut oil
• Oil Content	35%
• 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	Limited solubility	• Chlorinated rubber	Incompatible
• Esters	Soluble	• Stand oil	Limited compatibility
• Ketones	Soluble	• Isocyanate	Compatible
• Glycol-ethers & esters	Soluble	• Urea/melamine resins	Compatible

## STORAGE

Solvoya® N6597-X is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

## STABILITY

Solvoya® N6597-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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