

# Solvoya® D6546-X TFA

Edition 04-2020

Solvoya® D6546-X TFA is a chain stopped short oil air-drying alkyd resin based on low rosin tall oil F.A - available in solids of 50.0±1.0% in xylene.

**Mode of application:** Air physical dry, Nitrocellulose and catalyzed drying.

## PERFORMANCE & APPLICATIONS

- Chain stopped
- Excellent salt spray resistance
- Extremely fast dry with good adhesion to metal
- Automotive refinishing enamels
- Excellent isolating varnish & wire enamels
- Corrosion resistance primers
- White air drying & stoving finishes
- 2K PU for wood finish
- Road Marking paints
- Recommended for improving curing of NC-sealer

## SUPPLY SPECIFICATIONS

▪ Delivery form	50.0 ± 1.0%
▪ Dilution form	50.0 ± 1.0%
▪ Gardner viscosity at 25°C	Y-Z at 50.0%
▪ Brookfield approx. viscosity at 25°C	Approx. 1800 CP at 50%
▪ Gardner Color Scale DIN EN ISO 6271-1	6.0 max.
▪ Acid value mg KOH/gm solid	12.0 max.
▪ OH - Content (per solid)	3.00%

## TYPICAL COMPOSITION

▪ Phthalic anhydride content	26%
▪ Type of oil	Low rosin tall oil F.A
▪ Oil Content	36%
▪ Type of Polyol	Penta
▪ Type of Solvent(s)	Xylene

## SPECIFIC PROPERTIES

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

## STORAGE

Solvoya® D6546-X TFA is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

## STABILITY

Solvoya® D6546-X TFA 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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