

# Solvoya® D7550-X

Edition 04-2020

Solvoya® D7550-X is a chain stopped short oil air-drying alkyd resin based on Soya oil F.A & Soya bean oil - available in solids of 60.0±1.0% in xylene.

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

## PERFORMANCE & APPLICATIONS

- Chain stopped
- Very good recoat-ability
- Extremely fast dry with good adhesion to metal
- Good gloss & color retention
- Very good yellowing resistance
- Corrosion resistance primers
- White air drying & stoving finishes
- 2K PU for wood finish
- Road Marking paints
- Automotive refinishing enamels
- Recommended for improving curing of NC-sealer

## SUPPLY SPECIFICATIONS

- Delivery form 60.0 ± 1.0%
- Dilution form 60.0 ± 1.0%
- Gardner viscosity at 25°C Z3-Z4 at 60.0%
- Brookfield approx. viscosity at 25°C Approx. 5000 CP at 60%
- 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 30%
- Type of oil Soya oil F.A & Soya bean oil
- Oil Content 25%
- Type of Polyol Mixed polyols
- 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® D7550-X is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

## STABILITY

Solvoya® D7550-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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