

Solvoya® D6518-X

Edition 04-2020

Solvoya® D6518-X is a chain stopped short oil air-drying alkyd resin based on soya oil F.A & soya bean oil - available in solids from 50% to 60.0±1.0% in xylene.

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

PERFORMANCE & APPLICATIONS

- Chain stopped
- Very good abrasion
- 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 | 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 | 30% |
| ▪ Type of oil | Soya oil F.A & Soya bean oil |
| ▪ Oil Content | 35% |
| ▪ 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® D6518-X is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

STABILITY

Solvoya® D6518-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

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you to obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.