

Solvoya® M5512-X

Edition 04-2020

Solvoya® M5512-X is a Chain stopped medium alkyd resin based on Soya bean oil or Soya Fatty Acid - available in solids from 50% to 60±1% in Xylene.

Mode of application: Air physical dry

PERFORMANCE & APPLICATIONS

- Brushability & leveling
- Extremely fast drying time (Chain stopped medium alkyd resin)
- Very good yellowing resistance & hardness
- Indicated for automotive re nish
- Non yellowing air drying enamels
- Quick air drying metal primer & finishes
- Industrial and drum coatings

SUPPLY SPECIFICATIONS

- Delivery form 60.0 ± 1%
- Dilution form 50.0 ± 1%
- Acid value mg KOH/gm solid 10.0 max.
- Gardner viscosity at 25°C Approx. V-X at 50%.
- Brookfield approx. viscosity at 25°C Approx. 1200 CP at 50%
- Gardner Color Scale DIN EN ISO 6271-1 5.0 max.

TYPICAL COMPOSITION

- Phthalic anhydride content 36%
- Type of oil Soya bean oil or Soya Fatty Acid
- Oil Content 45%
- Type of Polyol Penta
- Type of Solvent(s) Xylene

SPECIFIC PROPERTIES

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

STORAGE

Solvoya® M5512-X is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

STABILITY

Solvoya® M5512-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.