

Solvoya® M5010-W

Edition 04-2020

Solvoya® M5010-W is a standard medium alkyd resin based on Soya bean oil or Soya Fatty Acid - available in solids from 40% to 50 ± 1% in
Mode of application: Air physical dry

PERFORMANCE & APPLICATIONS

- Brushability & leveling
- Very good yellowing resistance, flexibility and gloss retention
- Good wetting properties
- Recommended for base enamels & do it yourself paints
- Non yellowing air drying enamels
- Quick dry primers for both car refinish radiator
- Economical stoving enamel (Temp.140-160°C)

SUPPLY SPECIFICATIONS

- Delivery form 50.0 ± 1%
- Dilution form 40.0 ± 1%
- Acid value mg KOH/gm solid 10.0 max.
- Gardner viscosity at 25°C Approx. V-W at 40% & Z6 at 50%
- Brookfield approx. viscosity at 25°C Approx. 1000 CP at 40%
- Gardner Color Scale DIN EN ISO 6271-1 5.0 max.

TYPICAL COMPOSITION

- Phthalic anhydride content 37%
- Type of oil Soya bean oil or Soya Fatty Acid
- Oil Content 50%
- Type of Polyol Mixed polyols
- Type of Solvent(s) White spirit

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® M5010-W is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

STABILITY

Solvoya® M5010-W 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.