

Solvoya® M5046-ECO

Edition 04-2020

Solvoya® M5046-ECO is Medium oil alkyd resin based on Soya bean oil or Soya Fatty Acid - available in solids from 55% to 60% Zero Aromatic W.Spirit (D60).

Mode of application: Air physical dry

PERFORMANCE & APPLICATIONS

- Brushability & leveling
- Good wetting properties for pigments & fillers
- Very good yellowing resistance & hardness
- Enamel undercoat
- Non yellowing air drying enamels
- Quick air drying metal primer & finishes
- Economical stoving enamel(Temp.140-160°C)

SUPPLY SPECIFICATIONS

- Delivery form 60.0 ± 1%
- Dilution form 55.0 ± 1%
- Acid value mg KOH/gm solid 12.0 max.
- Gardner viscosity at 25°C Approx. Z6 at 60% & Z3-Z4 at 55%
- Brookfield approx. viscosity at 25°C (55%) Approx. 4600 CP at 55%
- Gardner Color Scale DIN EN ISO 6271-1 5.0 max.

TYPICAL COMPOSITION

- Phthalic anhydride content 33%
- Type of oil Soya bean oil or Soya Fatty Acid
- Oil Content 50%
- Type of Polyol Glycerol & Penta
- Type of Solvent(s) Zero Aromatic W.Spirit (D60)

SPECIFIC PROPERTIES

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|---------------------------|-----------|------------------------|-----------------------|
| • 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® M5046-ECO is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

STABILITY

Solvoya® M5046-ECO 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.