

Solvoya® M52100-W

Edition 04-2020

Solvoya® M52100-W is a standard medium alkyd resin based on Soya bean oil or Soya Fatty Acid - available in solids from 50% to 60 ± 1% in White spirit

Mode of application: Air physical dry

PERFORMANCE & APPLICATIONS

- Brushability & leveling
- Excellent drying process, toughness & abrasion resistance
- Very high viscosity resin
- Recommended for low cost industrial & architectural paints
- Recommended for non-yellowing air drying enamels
- Recommended for quick air drying metal primer & finishes
- Economical stoving enamel (temp 140 - 160 °C)

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. Z5-Z6 at 50%
• Brookfield approx. viscosity at 25°C	Approx. 10000 CP at 60%
• Gardner Color Scale DIN EN ISO 6271-1	5.0 max.

TYPICAL COMPOSITION

• Phthalic anhydride content	35%
• Type of oil	Soya bean oil or Soya Fatty Acid
• Oil Content	48%
• 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® M52100-W is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

STABILITY

Solvoya® M52100-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.