

Solvoya® M4730-MS HV

Edition 04-2020

Solvoya® M4730-MS HV is a Chain stopped medium alkyd resin based on Soya oil F.A & Soya bean oil - available in solids of 55% in White spirit & xylene

Mode of application: Air physical dry

PERFORMANCE & APPLICATIONS

- Excellent recoat-ability properties
- Very fast drying time (Chain stopped medium alkyd resin)
- Very good mechanical performance
- Suitable for automotive, industrial and wood applications.
- Non yellowing air drying enamels
- Quick air drying metal primer & finishes

SUPPLY SPECIFICATIONS

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|---|------------------------|
| • Delivery form | 55.0 ± 1% |
| • Dilution form | 55.0 ± 1% |
| • Acid value mg KOH/gm solid | 10.0 max. |
| • Gardner viscosity at 25°C | Approx. Z4 at 55% |
| • Brookfield approx. viscosity at 25°C | Approx. 6500 CP at 55% |
| • Gardner Color Scale DIN EN ISO 6271-1 | 5.0 max. |

TYPICAL COMPOSITION

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|------------------------------|------------------------------|
| • Phthalic anhydride content | 26% |
| • Type of oil | Soya oil F.A & Soya bean oil |
| • Oil Content | 53% |
| • Type of Polyol | Mixed polyols |
| • Type of Solvent(s) | White spirit & 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® M4730-MS HV is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

STABILITY

Solvoya® M4730-MS HV 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.