

# Solvoya® UO3730-W

Edition 04-2020

Solvoya® UO3730-W is a polyurethane modified soya bean oil, available in solids of 60±1% in white spirit.

**Mode of application:** Air physical dry

## PERFORMANCE & APPLICATIONS

- Light color with high viscosity
- Excellent abrasion, chemicals & water resistance
- Excellent optical properties and drying behaviour
- Very good yellowing resistance
- Recommended for varnishes for parquet, furniture & boats
- Recommended for steel corrosion resistant primers
- Light color laquers with excellent properties

## SUPPLY SPECIFICATIONS

- |   |                       |
|---|-----------------------|
| • Delivery form                         | 60.0 ± 1%             |
| • Dilution form                         | 60.0 ± 1%             |
| • Gardner viscosity at 25°C             | Z2-Z3 at 60%          |
| • Brookfield approx. viscosity at 25°C  | Approx.3000 CP at 60% |
| • Gardner Color Scale DIN EN ISO 6271-1 | 4.0 max.              |
| • Acid value mg KOH/gm solid            | 2.0 max.              |

## TYPICAL COMPOSITION

- |                              |                                |
|------------------------------|--------------------------------|
| • Phthalic anhydride content | 28%                            |
| • Type of oil                | Soya bean oil or soya bean F.A |
| • Oil Content                | 63%                            |
| • Type of Polyol             | Penta                          |
| • Type of Solvent(s)         | White spirit                   |
| • Type of isocyanate         | Aromatic                       |

## SPECIFIC PROPERTIES

- |                           |           |
|---------------------------|-----------|
| • Aliphatic hydrocarbon   | Soluble   |
| • Aromatic hydrocarbon    | Soluble   |
| • Chlorinated hydrocarbon | Soluble   |
| • Alcohols                | Insoluble |
| • Esters                  | Soluble   |
| • Ketones                 | Soluble   |

## STORAGE

Solvoya® UO3730-W is stable at temperatures from 5 °C up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

## STABILITY

Solvoya® UO3730-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

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