

Solvoya® UO3520-W

Edition 05-2025

Solvoya® UO3520-W is a polyurethane modified soya bean oil, available in solids of 80±1% in white spirit.

Mode of application: Air physical dry

PERFORMANCE & APPLICATIONS

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

SUPPLY SPECIFICATIONS

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|---|------------------------|
| • Delivery form | 80.0 ± 1% |
| • Dilution form | 80.0 ± 1% |
| • Gardner viscosity at 25°C | Approx. Y-Z at 80% |
| • Brookfield approx. viscosity at 25°C | Approx. 2000 CP at 80% |
| • Gardner Color Scale DIN EN ISO 6271-1 | 4.0 max. |
| • Acid value mg KOH/gm solid | 2.0 max. |

TYPICAL COMPOSITION

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|------------------------------|--------------------------------|
| • Phthalic anhydride content | 28% |
| • Type of oil | Soya bean oil or soya bean F.A |
| • Oil Content | 65% |
| • Type of Polyol | Penta |
| • Type of Solvent(s) | White spirit |
| • Type of isocyanate | Aromatic |

SPECIFIC PROPERTIES

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

STORAGE

Solvoya® UO3520-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® UO3520-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.