

# Solvoya® TH4603-W

Edition 04-2020

Solvoya® TH4603-W is a Thixotropic alkyd resin based on sunflower or soya bean oil - available in 50±1% solids.

**Mode of application:** Air physical dry

## PERFORMANCE & APPLICATIONS

- Excellent Non-sagging properties
- Improves brush-ability & levelling properties
- Excellent ease of application properties
- Interior and exterior non-drip paints
- Construction paints fillers and primers

## SUPPLY SPECIFICATIONS

|   |               |
|---|---------------|
| ▪ Delivery form                         | 50.0 ± 1%     |
| ▪ Dilution form                         | 50.0 ± 1%     |
| ▪ Acid value mg KOH/gm solid            | 12.0 max.     |
| ▪ Appearance                            | Hazy to Clear |
| ▪ Gel Strength                          | Very high     |
| ▪ Gardner Color Scale DIN EN ISO 6271-1 | 8.0 max.      |

## TYPICAL COMPOSITION

|                              |                            |
|------------------------------|----------------------------|
| ▪ Phthalic anhydride content | 18%                        |
| ▪ Type of oil                | Sunflower or soya bean oil |
| ▪ Oil Content                | 54%                        |
| ▪ Type of Polyol             | Penta                      |
| ▪ Type of Solvent(s)         | White spirit               |

## SPECIFIC PROPERTIES

|                         |         |                    |                       |
|-------------------------|---------|--------------------|-----------------------|
| ▪ Aliphatic hydrocarbon | Soluble | ▪ Long oil alkyd   | Compatible            |
| ▪ Aromatic hydrocarbon  | Soluble | ▪ Medium oil alkyd | Compatible            |
|                         |         | ▪ Maleic resin     | Limited compatibility |

## STORAGE

Solvoya® TH4603-W is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

## STABILITY

Solvoya® TH4603-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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