

TECHNICAL DATA SHEET

SYNOLAC® 9677 S 50

Oil free polyester

PRODUCT APPLICATION DETAILS

SYNOLAC® 9677 S 50 is an oil free polyester for can coating application. SYNOLAC® 9677 S 50 is specially designed for use in metallographic white base coat and OPV enamels.

SALES SPECIFICATIONS

| | CHARACTERISTICS | METHODS |
|-----------------------|-------------------|----------|
| Solid content (150°C) | 49 - 51 % | ISO 3251 |
| Viscosity (23°C) | 2000 - 3000 mPa.s | ISO 3219 |
| Color | 3 max Gardner | ISO 4630 |
| Acid value | 2 - 5 mg KOH/g | ISO 2114 |

OTHER CHARACTERISTICS¹

| | CHARACTERISTICS | METHODS |
|----------------------------|--|----------|
| Solvent | Aromatic solvent (boiling range 155°C - 181°C) | - |
| Flash point | 65 °C | ISO 3679 |
| Density | 1.02 g/ml | ISO 2811 |
| Hydroxyl equivalent weight | 55 - 65 | - |

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

MARKETS

Coatings & Inks

- Industrial Coating
 - Packaging Coating Metal (Can And Others)

PERFORMANCE BENEFITS

- Good flexibility / hardness
- Gooresistance to sterilization processes
- Good Outdoor durability

SYNOLAC® 9677 S 50

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

SYNOLAC® 9675 S 65 should be used with a suitable melamine resin in the ratio of 80:20 to 85:15 on solid resins. To promote cure, the use of 2% of paratoluene sulphonic acid calculated on melamine solids is recommended.

SOLUBILITY

SYNOLAC® 9675 S 65 is soluble in esters, ketones, glycol ethers and has a limited solubility in aromatic solvents. It is insoluble in alcohols.

COMPATIBILITY

SYNOLAC® 9675 S 65 is compatible with hexamethoxymethyl-melamine and some melamines.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 9677 S 50 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 30°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.

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