

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
 - Coil
 - Packaging Coating Metal (Can And Others)
 - Rigid Packaging Metal (Can & 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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