

## TECHNICAL DATA SHEET

# SYNOLAC® 9640 S 65

*Oil free polyester*

### PRODUCT APPLICATION DETAILS

SYNOLAC® 9640 S 65 is a saturated polyester recommended for the formulation of chrome-free or chromated primers for coil coating applications.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (150°C)	64 - 66 %	ISO 3251
Viscosity (Brookfield SC4-21/13R, 19s-1) (25°C)	3000 - 4000 mPa.s	ISO 3219
Color	4 max Gardner	ISO 4630
Acid value	4 max mg KOH/g	ISO 2114

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Solvent	Aromatic solvent (boiling range 155°C - 181°C) butyl glycol (68 : 32)	-
Flash point	41 °C	ISO 3679
Density	1.08 g/ml	-
Hydroxyl equivalent weight	20	-

<sup>1</sup>The 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

### PERFORMANCE BENEFITS

- Good reactivity with amino resins
- Good adhesion to a variety of substrates (galvanised steel, aluminium and tinplate)
- Good flexibility
- Good hardness

# SYNOLAC® 9640 S 65

## FORMULATION GUIDELINES

### **SOLUBILITY**

SYNOLAC® 9640 S 65 has a limited solubility in aromatic hydrocarbons (boiling range 155°C - 181°C and boiling range 175°C - 215°C) and butyl glycol and good solubility in butyl glycol acetate and dibasic ester.

### **PRODUCT SAFETY**

Please refer to the corresponding Safety Data Sheet.

### **STORAGE AND HANDLING**

SYNOLAC® 9640 S 65 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.

**Headquarters: Arkema France**  
51, Esplanade du Général de Gaulle  
92800 Puteaux – France  
T +33 (0)1 49 00 80 80

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

Arkema France, a French société anonyme registered at the Trade and Companies Register of Nanterre under the number 319 632 790