

**TECHNICAL DATA SHEET**

**SIROPOL P 9170**  
(Unsaturated Polyester Resin)

**BUTTON RESIN**

**DESCRIPTION:** SIROPOL P9170 resin is fast-cure, resilient polyester for use where very clear casting is needed. The raw materials used in the manufacture of this resin are listed as acceptable in FDA regulation Title 21 CFR 177.2420 for repeated use in contact with food subject to user's compliance with the prescribed limitations of that regulation.

**PERFORMANCE:**

- Very clear casting resin
- Shows less tendency to crack than conventional polyesters
- Offers rapid gel and cure

**SUGGESTED USES:**

SIROPOL P9170 resin is used for making clear and Colored Buttons and corrugated sheets.

**ALTERNATIVE PRODUCTS:**

SIROPOL P9170-P pre-promoted high viscosity, resilient polyester providing higher mix viscosity.



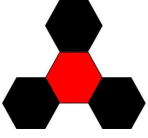
VISCOSITY and Gel Time can be adjusted to meet conditions that customers may require

**LIQUID PROPERTIES (25 °C)**

Percent Solids	65 - 68 %
Viscosity - Brookfield at 25 °C, Spindle # 3 at 60 rpm	1000 - 1100 cps
Appearance	Clear
Acid Value	13 - 21
Specific Gravity	1.15
Pounds per Gallon	9.6
Gelling Time with 1% MEKP + 0.4 gm Cobalt 1.2%	16

**STANDARD PACKAGE:** 30 ton Tank Truck - 220 Kgs Standard Steel Drums

**DOT LABEL REQUIRED:** Flammable Liquid.



# الشركة السعودية للراتجات الصناعية المحدودة Saudi Industrial Resins Limited

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### SIROPOL P 9170

**HANDLING:** SIROPOL P9170 resin contains ingredients, which could be harmful if mishandled. Contact with skin and eye should be avoided and necessary protective equipment and clothing should be worn.

**Saudi Industrial Resins Ltd.**, maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.

**Our MSDS** should be read and understood by all of your supervisory personnel and employees before using SIR's products in your facilities.

#### RECOMMENDED STORAGE:

**DRUMS:-** Store at temperatures below 25°C. Storage life decreases with increasing storage temperature. Avoid exposure to heat sources, such as direct sunlight or steam pipes. Keep containers sealed to prevent moisture pickup and monomer loss. Rotate stock.

**COMMERICAL WARRANTY:** When stored in accordance with the above conditions, Saudi Industrial Resins warrants this product to remain within specifications for three months from the date of shipment. All things being equal, higher temperature will reduce product stability; lower storage temperature will extend product stability



Notice: S.I.R. makes no warranty or representation as to the suitability of the product as specified herein for any particular application. The determination of the suitability of the above specification for any particular use is solely the responsibility of the user.

All precautionary labels and notices should be ready and understood by all supervisory personnel and employees before using. Consult S.I.R. and OSHA regulations for additional safety and health information. Purchaser is responsible for complying with all applicable federal, state or local laws and regulations covering use of the product. Special attention should be given to consumer applications. Freedom to use any patent owned by S.I.R. or others is not to be inferred from any statement contained herein.