PRODUCT INFORMATION

Silicone Solution SERVA in Isopropanol Cat. No. 35130

Siliconization of Glassware	An even silicone coating is achieved by dipping the objects to be siliconized into the solution, allowing the solution to drip off and then baking the remaining film in the drying oven at 100-150 °C for approximately 1 - 2 hours.
Cleaning of Siliconized Glassware	Use distilled water as a cleansing agent for siliconized surfaces. If solutions containing wetting agents are used, they should be removed completely afterwards by means of intensive rinsing with water. Concentrated sulphuric acid, chromosulfuric acid, and caustic solutions damage the silicone coating, whereas dry heat has no harmful effects. Siliconized glassware is therefore properly sterilized with hot air. After repeated use the silicone film may show signs of wear. It may be restored by baking it again in the drying oven for a few hours at 200 °C. Before sterilization with hot air the glassware should be as dry as possible. Very short rinsing with small amounts of acetone in order to remove the remaining moisture and to accelerate the drying process practically has no detrimental effects.
Removal of Silicone Coatings	Remove silicone coatings by exposure to a solution of either 50% aqueous potassium hydroxide or sodium hydroxide or to a solution saturated with methanol. This procedure restores the original wetting property of the glass surface within a short period of time.

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SERVA Electrophoresis GmbH ● Carl-Benz-Str.7 ● D-69115 Heidelberg
Telefon: +49 6221 13840-0 ● E-Mail: info@serva.de ● Internet: www.serva.de