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ELI-THERE FR 953/C

**NON-HARDENING PUTTY BLACK**

PRODUCT	Eli-Thene FR 953/C is a single component, permanently flexible sealing and insulating compound.
APPLICATION	By hand, spatula, knife
VISCOSITY / 25°C	Soft and easy mouldable, non hardening, non sagging putty
FLASHPOINT	> 200°C
HARDNESS	(Material yields)
ADHESION	Excellent adhesion to many surfaces, e.g. metals, ceramics, concrete, bricks, wood, certain plastics
SPECIFIC GRAVITY / 25°C	1.7 – 1.8 g/cm <sup>3</sup>
ELECTRICAL PROPERTIES:	
LOSS FACTOR TAN δ 23°C (DIN 53483)	50 Hz: 0.03
VOLUME RESISTIVITY / 23°C (DIN 53482)	5 x 10 <sup>13</sup> Ohm/cm
DIELECTRIC CONSTANT /23°C (DIN 53483)	50 Hz: 2,1
DIELECTRIC BREAKDOWN (Telkom Specification 356) According to Test Method IEC 243	3.5 kV/mm

CHEMICAL RESISTANCE	<p>Very low Water absorption: Good Resistance to: Water, various Alkalines and selected Solvents, e.g. Alcohols, Ketones, Ethyl-acetate. (Individual tests are recommended)</p> <p>Poor Resistance to: Acids, various Aromatic and chlorinated aromatic Solvents (Benzol, Xylol, Methylenechloride, Trichloroethylene, Ethers, mineral Oils (Tests are available.)</p>
PROPERTIES AND USES	<p>The Eli-Thene FR/953/C putty is odourless, resistant to oxidation, completely hydrophobic and impermeable to water vapour and gases.</p> <p>The putty does not crack, remains permanently flexible at temperatures as low as -15°C and does not deform up to +70°C.</p> <p>The product does not affect the properties of the cable insulation, e.g. rubber, synthetic, polyurethane, even at elevated temperatures.</p>
CAUTION	<p>Check suitability of putty for the application on impregnated paper insulated cables.</p> <p>The putty is suitable for indoor and outdoor application since it is unaffected by atmospheric conditions and temperature variations.</p>
STORAGE STABILITY	Stored under dry and cool conditions: 12 months
TOXICITY	The Eli-Thene FR/953/C Putty presents no significant health hazard, no special precautions are required, good industrial hygiene should be applied.
TYPICAL APPLICATIONS INCLUDE:	<ol style="list-style-type: none"> <li>1. Sealing / Filling of joint boxes and conduit boxes.</li> <li>2. Sealing of cable connectors / cables.</li> </ol>
NOTICE	<p style="text-align: center;">The technical specification and/or our technical advice, whether verbal, in writing or by trials is given in good faith and based on our test results obtained but without warranty. It does not release the user from the obligation to test the products supplied by us or any third party as to the suitability for the intended application.</p> <p>The application, use and processing of the products are beyond our control and Messrs Elite Chemical Industries (Pty) Ltd's legal obligation in respect of any sale of its products shall be determined by the terms of its conditions of sale.</p>

**JULY 2011**

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