








TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

<h3>ULTRALIGHT CARBON</h3> <p>POLYESTER PUTTY</p>	
PRODUCTS	
<p>ULTRALIGHT CARBON – Ultra light and elastic polyester putty with carbon fiber and glass fiber. Hardener for the polyester putty</p>	
PRODUCT DESCRIPTION <p>Highest quality light and flexible polyester putty reinforced with carbon and glass fiber for car repairs. Recommended for filling large dents and holes on metal surfaces and made of plastic (e.g. car bumpers). Ideal for industrial applications where is low specific weight of the product important.</p> <ul style="list-style-type: none"> Exhibits excellent adhesion to metals and plastics. High mechanical strength and good flexibility. Very good wear properties. Reduced shrinkage of putty by 95% compared to standard products. 	
COLOUR: grey	GLOSS GRADE: matt
DENSITY: 0,93 (+/- 0,03) kg/l	

VOLATILE ORGANIC COMPOUNDS	
<p>VOC for the mixture = 40 [g/l] This product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (b), at 250 g/l.</p>	
SURFACE PREPARATION	
<p>The product has very good adhesion to various surfaces. It can be applied over:</p> <ul style="list-style-type: none"> Black steel and galvanized steel as well as aluminum after flattening and degreasing. Elements of car bodies made of plastic after flattening and degreasing. Sanded polyester glass fibre laminates (GFK / GRP), epoxy carbon laminates, polyester putties, acrylic and epoxy primers, and old paint coatings in good condition. 	<p>We recommend sandpaper with gradations: P80÷P120.</p> <p>Caution: Do not apply the putty directly on the reactive primers, 1K acrylic and nitrocellulose products.</p>

APPLICATION PROCESS			
	USE <p>Polyester putty reinforced with carbon fiber intended for repairs of car body elements, especially those made of plastic. Recommended for repairing large dents and perforations.</p>		NUMBER OF LAYERS <p>Putty can be applied in several thin coats. After each of them the product should be cured. Do not extend thickness of 5 mm.</p> <p>Pot life is 5÷6 minutes at 20°C.</p>
	MIXING RATIO by weight <p>Putty 100 parts Hardener 2-3 parts</p> <p>Stir thoroughly until achieving homogenous paste. Be careful not to create air inclusions.</p>		HARDENING TIME <p>30÷45 minutes at 20°C.</p> <p>Temperature below 20°C significantly increases the hardening time.</p>
	SANDING <p>Coarse sanding (dry): P80÷P120. Finishing sanding (dry): P120÷P180.</p>		IR DRYING <p>It is not recommended.</p>

FURTHER WORK	
<p>Polyester putties can be over coated with:</p> <ul style="list-style-type: none"> 2K polyester putties, 2K polyester spray fillers, 	

GENERAL NOTES

- Excessive amount of hardener will cause problems with bleaching of the topcoat!
- When working with 2K products, it is recommended to use personal protection equipment. Protect the eyes and respiratory system.
- The rooms should be well ventilated.
- Clean the guns and equipment immediately after use.

Caution: To maintain safety, always follow the instructions given in the MSDS for the products.

STORAGE

Store the product components between 15 to 25°C in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

Note:

1. Close the container after use.
2. Protect it from overheating!

WARRANTY PERIOD

ULTRALIGHT CARBON polyester putty	– 12 months from the date of production
Hardener for the polyester putty	– 18 months from the date of production

PRODUCT	ART. No.
ULTRALIGHT CARBON polyester putty	9943 (1I)
Hardener for the polyester putty	

LIMITATION OF LIABILITY

The information contained in the TDS is up-to-date and correct on the day the information is released.

Because TROTON can not control or predict the conditions under which a product will be used, each user should review information in the specific context of the intended usage. To the maximum extent permitted by applicable law, TROTON shall not be liable for damages of any kind arising from the use or reliance on information contained in this TDS.

Given the variety of factors that can affect the usage and application of the TROTON product, some of which are only within the user's knowledge and control range, it is essential that the user evaluate the TROTON product to determine if the product is fit for a particular purpose and whether the product is suitable for the user's usage.

Under no circumstances shall TROTON be liable to the user or any third party for any indirect, derivative, incidental, special or punitive damages, including loss of profits resulting from the use of products manufactured by TROTON and / or TROTON's services.

All information are based upon the precise laboratory studies and many years of experience. The good market position does not release us from the constant supervision of our products quality. However, we are not responsible for the final effects of the improper storage or application of our products, as well as for work inconsistent with the good craft practice.

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