

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

SPEC HIGH TEMP POLYESTER BODY FILLER

PRODUCTS

SPEC High Temp – Polyester body filler for powder coating.
 Hardener for polyester body filler (colour: red)

PRODUCT DESCRIPTION

High quality 2K polyester body filler with increased resistance to high temperatures, up to 200°C. Features electrical conductivity. Intended mainly for surface treatment in preparation for powder coating. The product has good flexibility and very good adhesion to various types of surfaces, after appropriate preparation.

- Very good adhesion to metal.
- Easy sanding.
- Perfectly smooth surface after sanding.
- High temperature resistance, up to 200°C.
- Conducts electricity.



COLOUR: grey

GLOSS GRADE: mat

DENSITY: 1,83 (+/- 0,03) kg/l.

VOLATILE ORGANIC COMPOUNDS

VOC for the mixture = 105 [g/l]

The share of VOC is below 250 g/l. Due to that these products fulfill the EU directive (2004/42/EC/II B) that sets the VOC value for this product category (b), as 250 g/l.

SUBSTRATES AND PREPARATION

The product has very good adhesion to various substrates. It can be applied over:

- Bare steel and aluminum after flattening and degreasing.
- Zinc coated, galvanized steel after flattening and degreasing.

We recommend sandpaper with gradations: P80÷P120.

Caution: Do not apply the putty directly on the reactive primers, 1-pack acrylic and nitrocellulose products.

APPLICATION

USE		SANDING							
	High-temperature body fillers intended for filling surfaces that will be painted and hardened at temperatures up to 200°C.		Course sanding (dry): P80÷P120. Finishing sanding (dry): P120÷P320.						
	<table border="1"> <thead> <tr> <th>MIXING RATIO</th> <th>BY WEIGHT</th> </tr> </thead> <tbody> <tr> <td>Body filler</td> <td>100</td> </tr> <tr> <td>Hardener</td> <td>2</td> </tr> </tbody> </table> <p>Stir thoroughly until achieving a uniform mixture. Stir carefully so as not to air the body filler.</p>	MIXING RATIO	BY WEIGHT	Body filler	100	Hardener	2		HARDENING TIME Approx. 3-4h at 20°C. Approx. 2h at 60°C. Body filler top layer tends to stick to the sandpaper. After the initial sanding of the top layer, the clogging wears off. Temperatures below 20°C increase significantly the hardening time.
MIXING RATIO	BY WEIGHT								
Body filler	100								
Hardener	2								
	LAYER THICKNESS Body filler should be applied in several thin layers. Before the application of each additional layer the filler should be cured. Do not exceed total thickness of 5 mm. Pot life: approx. 6÷8 minutes at 20°C.								

FURTHER WORKS

After hardening, the product should be sanded according to the manufacturer's instructions until a perfectly smooth surface is obtained. **It is recommended to wait 12 hours before powder coating.** The surface should be cleaned, degreased and primed and then covered with paint.

GENERAL NOTES

- Excessive amounts of hardener will cause problems with bleaching of the topcoat!
 - The rooms should be well ventilated.
 - Tools should be washed directly after application.
 - Use the efficient personal protection equipment during the 2K products application. Protect the eyes and air passages.
- Caution:** *To maintain safety, always follow the instructions given in the MSDS for the products.*

STORAGE

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

Caution:

1. *Close the containers immediately after application*
2. *Protect the hardener from overheating!*

WARRANTY PERIOD

SPEC HIGH TEMP	-12 months from the production date.
Hardener for the polyester putty	-18 months from the production date.

PRODUCTS	ART. NO.
SPEC HIGH TEMP	6885 (0,5kg); 6890 (4,5 kg)
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 is based on meticulous laboratory tests and many years of experience. An established position on the market does not release us from continuous quality control of our products. However, we are not responsible for the final effects of improper storage or use of our products, and for work that is not in line with good craftsmanship.

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