

## TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

### REPAIR SET Laminating Resin

#### PRODUCTS

Polyester Resin for laminating.  
Activator for the Polyester Resin – a peroxide in solution.  
Glass mat.

#### PRODUCT DESCRIPTION

Polyester resin with suitable liquid activator for manual laminating. In connection with glass mat it is used for car body repairs as well as camping caravans, boats and yachts.

- ✓ Very good adhesion to metal.
- ✓ Good hardness with high elasticity.
- ✓ Minimal shrinkage.
- ✓ Good sanding properties.

Color - Transparent yellow.  
Gloss Grade – Glossy.

#### VOLATILE ORGANIC COMPOUNDS

VOC for the mixture = 395 [g/l]

The share of VOC is below 540 g/l. These products meet the EU directive (2004/42/EC) that sets the VOC value for its category (IIIB), at 540 g/l.

#### SURFACE PREPARATION






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

- ✓ Steel and aluminum after flatting and degreasing.
- ✓ Zinc coated steel after flatting and degreasing.
- ✓ Sanded glass fibre (GFK/GRP), polyester putties, acrylic and epoxy primers and existing coatings in good condition.

We recommend sandpaper with gradations: P80÷P120.

**Caution:** Do not apply the resin directly on the wash primers, 1K acrylic and nitrocellulose products.

## APPLICATION PROCESS

	<p><b>USE</b> Good for repairing large damages as well as corroded car bodies.</p>				
	<p><b>Mixing ratio by weight</b></p> <table data-bbox="338 712 767 790"> <tr> <td>Polyester Resin</td> <td>100 parts</td> </tr> <tr> <td>Activator</td> <td>4 parts</td> </tr> </table> <p>Stir the mixture well</p>	Polyester Resin	100 parts	Activator	4 parts
Polyester Resin	100 parts				
Activator	4 parts				
	<p><b>Layer thickness</b> Several layers of the mat can be applied</p> <p><b>Gelling time</b> 19-21 minutes at 20°C</p>				
	<p><b>Hardening time</b> 35÷45 minutes at 20°C.</p> <p>Temperature below 20°C significantly increases the hardening time.</p>				
	<p><b>Sanding</b></p> <p>Coarse sanding (dry): P80÷P120,</p>				

- 1/Prepare suitable piece of glass mat, approximately 2 cm bigger than damaged place.
- 2/Mix the resin with the hardener and spread it onto a clean surface using a brush.
- 3/Place the mat, press it and soak with resin using a brush. Several layers of the mat can be applied.
- 4/Wait approximately 30 minutes. Mechanically process the laminate surface or level it up with a polyester putty.
- 5/Minimum application temperature is +10°C.

**Note:** Do not pour the remains of the mixed resin and hardener back to the tin.

**FURTHER WORKS**

Polyester laminates can be directly over coated with:

- ✓ 2K polyester putties.
- ✓ 2K polyester spray fillers.
- ✓ 2K epoxy putties.
- ✓ 2K acrylic fillers.
- ✓ 2K epoxy fillers.

**GENERAL NOTES**

- ✓ When working with 2K products, it is recommended to use personal protection equipment. Protect the eyes and respiratory system.
- ✓ Clean the guns and equipment immediately after use.
- ✓ The rooms should be well ventilated.

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

**STORAGE**

Store the product components in a sealed container, in 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 activator from overheating!*

**WARRANTY PERIOD**

Repair Set – 12 months from the Date of Manufacture.

**Important Information:**

The information contained in this document corresponds to our present knowledge and is a guide to our products and their uses.

Read all directions and warnings prior to using Troton products - Safety Data Sheets can be found online at [www.troton.com.pl](http://www.troton.com.pl) or will be sent according to your request: [troton@troton.com.pl](mailto:troton@troton.com.pl)

**Technical Information:** The technical information, recommendations and other statements contained in this document are based upon tests or experience that Troton believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Many factors beyond Troton's control and uniquely within user's knowledge and control can affect the use and performance of a Troton product in a particular application. Given the variety of factors that can affect the use and performance of a Troton product, user is solely responsible for evaluating the Troton product and determining whether it is fit for a particular purpose and suitable for user's method of application.

**Limitation of Liability:** Except where prohibited by law, Troton will not be liable for any loss or damage arising from the Troton product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

If used as instructed, this product is designed to comply with the European Volatile Organic Compound (VOC) Emission Standard for Automotive Refinish Coatings. Confirm compliance with your country, state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Troton assumes no obligation or liability for use of this information.