

Update date: 30.10.2025

TECHNICAL DATA SHEET

FOR PROFESSIONAL USE ONLY

PLASTIC ADHESION PROMOTER

1K PLASTIC PRIMER

PRODUCT

PLASTIC ADHESION PROMOTER 1K plastic primer

PRODUCT DESCRIPTION

1K plastic primer designed especially for plastic elements of the car body . Works as an adhesion promoter, featuring easy application and very short hardening time. Recommended for most types of plastic except polythene (PE). Guarantees great adhesion to plastics. Available in transparent straw



COLOR: straw transparent GLOSS GRADE: semi-gloss

VOLATILE ORGANIC COMPOUNDS

VOC for mixture = 796 [g/l] - 6.65 [lb/gal]

This product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (a), at 850 g/l.

SURFACE PREPARATION

Product designed to be applied on surfaces made of various kinds of plastic and its mixtures.

Note: The coating does not improve the adhesiveness to the surfaces made of polyethylene, PE.

The surface designed for painting should be carefully degreased with a Troton WAX AND GREASE REMOVER and wiped with abrasive fabric in advance. Then it should be again cleaned with the same Troton silicone remover and dried with air (note - the remover should evaporate well from the surface before applying the primer). It is recommended to heat the element at the temperature of 50°C (for about 30-40 minutes) prior to commencing painting works, which will help to remove silicone compounds from its surface.



USE

For car repairs as an interlayer improving adhesiveness of coatings and paints to the surface made of plastics.



10÷12 seconds at 20°C (68°F)/DIN4 The product is delivered in ready to use form.



NUMBER OF COATINGS AND SPRAY GUN SETTINGS

1÷2 full coats. Dry film thickness: approx. 15 μm (0.59

Compliant (RP) spray gun: 1.2÷1.4 mm; Pressure of input: 29÷32 psi (2.0÷2.2 bar)

HVLP spray gun: 1.2÷1.4 mm; Inlet pressure: 26÷29 psi (1.8÷2.0 bar), Air cap pressure: 9÷10 psi (0.6÷0.7 bar).



FLASH-OFF TIME

SPRAYING VISCOSITY

Between coats:

approx. 10 minutes



Do not sand!

SANDING

Evaporation time depends on the temperature and the number of coats.

PRODUCT EFFICIENCY

1 liter of mixture is enough to cover 7÷8 m² with a dry film thickness of 15 μm (0.59 mils).

FURTHER WORK

PLASTIC ADHESION PROMOTER can be directly overcoated with:

- 2K urethane primers.
- 2K urethane top coats.
- 1K paints and basecoats.



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GENERAL NOTES

- Do not exceed recommended doses of the hardener!
- The temperature in the body shop and the temperature of the product should be similar.
- 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 between 15 to 25°C (59 to 77°F) in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

Note: After each use the container with product should be immediately closed!

WARRANTY PERIOD	
PLASTIC ADHESION PROMOTER	 12 months from the date of production

PRODUCT	Art No.
PLASTIC ADHESION PROMOTER	14779; 14780 (11; 3,751)

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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