

TEROSON PU 8519P

October 2017

PRODUCT DESCRIPTION

Technology	Polyurethane
Product Type	Masking Aid on Glass and Ceramic coated Glass

TEROSON PU 8519P is a thin liquid, solvent containing masking aid based on polyurethane.

The product is notable for its excellent covering properties and its good UV-stability.

It is free from chlorinated hydrocarbons and aromatic solvents.

Application Areas:

TEROSON PU 8519P is used e.g. for masking bus bars for heated windshields made of laminated glass.

The primer/ activator is also suitable for promoting the adhesion of other PUR adhesives/sealants to glass, glass ceramic, various plastics and metals (trials must be carried out prior to use).

TEROSON PU 8519P can also be used as activator for PUR-coated glasses and for remaining beads.

TEROSON PU 8519P is also suitable as corrosion protection for small flange damages.

TECHNICAL DATA

(Typical Test Results)

Colour	black
Odour	smells of solvent
Consistency	thin liquid
Density	0.98 g/cm ³
Solids	35 %
Drying time (1C adhesive)	> 2 min.
Drying time (2C adhesive)	> 15 min.
Primer activity on pre-coatings and remaining beads	up to 60 min. after application
Open time	max.8 hr(s)
In service temperature range	-40 to 90 °C
short exposure (up to 3 h)	120 °C

Preliminary Statement:

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

Surface Pretreatment

The surfaces to be coated must be dry, free of oil, dust, grease and other components or residues which would adversely affect adhesion. The surface must be cleaned and pretreated with TEROSON VR 10 / TEROSON VR 20. Technical Data Sheet of recommended cleaner has to be observed.

Preparation

Prior to use, shake the aluminum bottle vigorously by hand for at least 1 minute. A steel ball is provided in the bottle to assist mixing. This should move freely after three to four shakes.

Application

TEROSON PU 8519P may be applied thinly and evenly with felt applicator, sponge or brush. Ensure the wet film should be 0.025 mm. Let the primed surface evaporate for approx. 2 minutes before the direct glazing sealant is applied. A second application on the same point should be avoided, as partially-dried primer will be softened again which can adversely affect appearance. The optimal application temperature is between 0 to 30 °C. In exceptional cases the application can be done at higher temperatures. A higher reaction speed will be noticed.

Important

Our experience leads us to make the following recommendations:

- primer bottles must be closed tightly immediately after use
- a primer which has obviously thickened is tainted and should no longer be used for processing
- primer bottles, once opened and closed, should be used within two weeks.

Storage

Frost sensitive	no
Recommended storage temperature	5 to 25 °C
Shelf life	up to 18 months depending on packaging



Classification

Please refer to the corresponding **Safety Data Sheets** for details on:

Hazardous Information
Transport Regulations
Safety Regulations

Disclaimer

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:

In case Henkel would be nevertheless held liable, on whatever legal ground, Henkel's liability will in no event exceed the amount of the concerned delivery.

In case products are delivered by Henkel Colombiana, S.A.S. the following disclaimer is applicable:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Corporation, or Henkel Canada Corporation, the following disclaimer is applicable:

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

Trademark usage

Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

Reference 0.2

