

TEROSON PU 8521

February 2021

PRODUCT DESCRIPTION

Technology	Polyurethane
Product Type	Black primer

TEROSON PU 8521 is a black, thin liquid, solvent-containing primer on the basis of 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 8521 is used as an adhesion promoter on glass and glass ceramic for glass bonding with polyurethane-based 1c or 2c adhesives / sealants.

TEROSON PU 8521 is also suitable for improving the adhesion of other polyurethane-based adhesives / sealants on various plastics, painted surfaces and metals (trials are recommended).

TECHNICAL DATA

Colour	black
Odour	smell of ketones
Consistency	thin liquid
Density	approx. 0.97 g/cm ³
Solids	approx. 30 %
Drying time (23°C, 50 % RH)	2 to 10 min (depending on thickness applied)
In service temperature range	-40 to 90 °C
Short exposure (up to 3 h)	120 °C
Primer activity	up to 6 h (depending on storage conditions, used substrate and adhesive)
Preferred coating thickness	approx. 25 to 50 µm wet

DIRECTIONS FOR USE

Preliminary Statement:

Prior to use it is necessary to read the **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.

Cleaning:

The surfaces to be primed must be dry, free of oil, dust, grease and other components or residues which would adversely affect adhesion.

If necessary the surfaces may be cleaned with a Henkel approved cleaner.

Preparation:

Prior to use, shake the aluminum bottle vigorously by hand for at least 2 minutes.

A steel ball is provided in the bottle to assist mixing.

This should move freely after three to four shakes.

It is also possible to mount the bottle after shaking on a vibrator unit.

Inclined mounting has been found to be suitable.

Application:

TEROSON PU 8521 may be applied thinly and evenly with felt applicator, sponge or brush.

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 15 to 25 °C.

In exceptional cases the application can be done at higher temperatures.

Important:

TEROSON PU 8521 contains reactive adhesion promoters, it should never be applied directly from the original bottle.

Instead it should always be poured into small containers.

Our experience leads us to make the following recommendations:

- any primer which is obviously thickened is spoiled and must not be used.

- if a bottle has been opened more than 10 times, it should not be used any further.

Classification:

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

Hazards identification
Transport information
Regulatory information

Storage:

Frost sensitive	no
Recommended storage temperature, °C	15 to 25
Shelf- life, months	6

ADDITIONAL INFORMATION**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

