Technical Data Sheet

TEROSON® PU 8519P

October 2017

Product description

TEROSON® PU 8519P provides the following product characteristics:

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	smell of solvents
Consistency	thin liquid
Density, g/cm³	0.98
Solids, %	35
Drying time, min. (1C adhesive)	>2
Drying time, min. (2C adhesive)	>15
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 3h)	120°C

Direction 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. Please also refer to the local safety instructions and contact Henkel for analytical support.

Surface pretreatment

The surfaces to be coated must be dry, free of oil, dust, grease and other components or residues which would adversely affect adehsion. The surface must be cleaned and pretreatet 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, °C	15 to 25
Shelf-life, months (depending on packaging)	18

Classification

Please refer to the corresponding **Safety Data Sheet** for details on:
Hazards identification
Transport information
Regulatory information

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