

TEROSON PU 8511

February 2021

PRODUCT DESCRIPTION

Technology	Polyurethane
Product Type	Black primer

TEROSON PU 8511 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 8511 is used as an adhesion promoter on glass and glass ceramic for glass bonding with polyurethane-based 1c or 2c adhesives / sealants. TEROSON PU 8511 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 acetic ester
Consistency	thin liquid
Density	approx. 1 g/cm ³
Solids	approx. 38 %
Drying time (23°C, 50 % RH)	0.5 to 5 min (depending on thickness applied)
Primer activity	up to 4 days (depending on storage conditions, used substrate and adhesive)
In service temperature range	-40 to 90 °C
Short exposure (up to 3 h)	120 °C
Preferred coating thickness	approx. 25 to 50 µm wet

DIRECTIONS FOR USE

Preliminary Statement:

Prior to application 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.

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 8511 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.

Important:

TEROSON PU 8511 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

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