Technical Data Sheet

TEROSON® PU 9108 F

April 2026

Product description

TEROSON® PU 9108 F provides the following product characteristics:

Product type	1c-Polyurethane
Technology	Car Body Sealant, Adhesive
Additional function	Excellent elasticity paintable

TEROSON® PU 9108 F is a polyurethan product, which cures by reaction with moisture to a soft elastic product. The skin formation and curing times are dependent on humidity and temperature. The cure through time also depends on joint depth. By increasing the temperature and moisture these times can be reduced. Low temperature as well as low moisture retards the process.

TEROSON® PU 9108 F exhibits the following properties:

- Good adhesion to painted surfaces, many metals and plastics without primer
- Can be overpainted
- Sag resistant
- High curing speed
- Excellent elasticity

Application areas:

TEROSON® PU 9108 F is used for elastic bonding and sealing in the automotive repair business. Temporary fixation of the joint with adhesive tapes or spacers is advised until the adhesive/sealant has the nessesary green strength to hold the parts in position. TEROSON® PU 9108 F offers the important advantage that both bonding and sealing functions can be achieved with one product. The material is not generally suitable for constructive bonding.

Technical data

(Typical test results)

Color	white
Density	approx. 1.2 g/cm³
Odor	aromatic (no smell after curing)
Consistency	pasty
Sag resistance	very good
Curing mechanism	moisture curing
Skin formation time (23°C, 50% RH)	approx. 20 to 40 min(s).
Cure rate (23°C, 50% RH)	approx. 3.5 mm/ 24 hour(s)
Shore A hardness	approx. 45
Tensile strength	approx. 2 MPa
Elongation at break	approx. 350%
Application temperature	5 to 35°C

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.

Direction of use

Good adhesion without primer to primed and painted vehicle body, wood, plastics. Grinding of the surface is recommended for untreated sheet metal. Depending on substrate surface, it is necessary to use an Henkel approved primer as an adhesion promoter. Due to the large number of various surfaces we recommend application trials before use.

Pretreatment

The surfaces to be bonded or sealed must be dry, free of oil, dust, grease and other contaminants. For pretreatment we recommend the approved surface preparator of the TEROSON program (TEROSON VR 20), because other products for pretreatment may lead to incompatibilities.

Application

TEROSON® PU 9108 F can be directly applied from cartridges employing standard air or hand operated guns. For air pressure application 2 to 5 bar are necessary. Low material temperature will lead to an increase of viscosity, resulting in a lower extrusion rate. This can be avoided by bringing the material up to room temperature prior to application. To avoid condensation it is necessary to bring the substrates up to room temperature. After application TEROSON® PU 9108 F can be smoothed with a spatula dipped in TEROSON VR 20.

Painting

After skin formation TEROSON® PU 9108 F can be painted over. The paint compatibility of the various paints has to be tested before use. Corrosion protection primer paints may only be applied on to cured TEROSON® PU 9108 F, as these usually permit only very low water vapour transmission. If heat is used to dry paint faster, you must allow dispensed product to cure for a minimum of 30 minutes before accelerated paint drying. TEROSON® PU 9108 F can withstand a maximum of 70°C in drying ovens or under IR radiation.

Incompatibility

Nitro repair paints applied from aerosol cans or alcohol based paints, diluents and accelerators are not compatible with TEROSON® PU 9108 F before sufficient skin formation.

Cleaning

For cleaning application equipment contaminated with uncured TEROSON® PU 9108 F we recommend the use of TEROSON VR 20.

Storage

Frost sensitive	No
Recommended storage temperature	5 to 25°C
Shelf life	12 months in original packaging

Classification
Please refer to the corresponding **Safety Data Sheet** for details on:
Hazardous Information
Transport Regulations
Regulatory information

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Reference 1

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