

TEROSON® PU 6735 LOW MDI

TEROSON® PU 6735 LOW MDI September 2026

Product description

TEROSON® PU 6735 LOW MDI metal adhesive provides the following product characteristics:

Technology	Polyurethane
Chemical type	Polyurethane
Appearance (Resin)	Black paste
Appearance (Hardener)	White paste
Appearance (mixed) – uncured	Black paste
Appearance (mixed) – cured	Black
Components	Two components - requires mixing
Viscosity	Medium
Mix ratio, (by volume) Resin : Hardener	1 : 1
Cure	Room temperature cure after mixing, accelerated cure possible at elevated temperature
Application	Bonding
Application temperature	10 to 35°C (50 to 95°F)
In service temperature	-40 to 90°C (-40 to 194°F)

TEROSON® PU 6735 LOW MDI is a polyurethane-based, low monomeric content, two-component adhesive which cures at room temperature. As the free monomeric diisocyanate content is below 0.1%, this product does not fall under the mandatory training obligation for industrial and professional users according to the REACH restriction on diisocyanates in Europe. For accelerating cure it is recommended to increase the temperature up to 60 - 70°C. The product is supplied in a convenient twin cartridge. TEROSON® PU 6735 LOW MDI can be painted with standard commercial car repair refinish paints.

Application areas

TEROSON® PU 6735 LOW MDI is used in the automotive industry and in vehicle repair shops, for bonding metal and plastic parts.

Technical data

(Typical test results)

Component A

Colour black
Density, g/cm³ approx. 1.6

Component B

Colour white
Density, g/cm³ approx. 1.3

Mixing ratio A : B

By volume 1 : 1

Mixture (Component A+B)

Colour black
Potlife (23°C, 50% rh), min(s) approx. 5
Tack-free time (23°C, 50% rh), min(s) approx. 40
Open time, minutes 10
Curing time at 23, °C approx. 2 hr(s).
Layer thickness, mm 3
Solid to hand pressure
at 23°C approx. 2 hr(s).
at 80°C approx. 10 min(s).
Shore A hardness approx. 95
Shear strength
After 2d (23°C, 50% rh), mPa.s (psi) approx. 10 (1450)
Layer thickness, mm 0.2
Cross head speed, mm/min 10
Paintability excellent
In service temperature, °C -40 - 80

GENERAL INFORMATION

For safe handling information on this product, consult the Safety Data Sheet (SDS).

DIRECTIONS FOR USE

Pretreatment

The parts to be bonded must be free from oil, grease, dirt and contamination. Plastics and metals must be pretreated or primed (e.g. cathodic EC). All bond areas should be cleaned with TEROSON® VR 10.

Application

Open cartridge and squeeze out a small amount of TEROSON® PU 6735 LOW MDI until both adhesive components run equally (discard it). Attach the mixing nozzle and discard the first 5 cm of the pre-applied adhesive. TEROSON® PU 6735 LOW MDI is applied directly to the bond area.

Curing

Curing occurs at room temperature. For accelerating cure, it is recommended to warm up TEROSON® PU 6735 LOW MDI to 60 - 70°C for minimum 15 minutes.

Cleaning

Fresh, uncured adhesive should be removed immediately with a dry cloth; any remaining residue can then be cleaned with TEOROSN® VR 10 or a suitable solvent. Once cured, the adhesive can only be removed mechanically.

Storage

Store product in the unopened container in a dry location. Storage information may also be indicated on the product container labelling.

Optimal storage: 15 - 35°C (59 - 77°F)

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Henkel representative.

Product specification

The technical data contained herein are intended as reference only and are not considered specifications for the product. Product specifications are located on the Certificate of Analysis or please contact Henkel representative.

Approval and certificate

Please contact Henkel representative for related approval or certificate of this product.

Data ranges

The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23°C / 50% RH = 23±2°C / 50±5% RH

Conversions

(°C x 1.8) + 32 = °F
 kV/mm x 25.4 = V/mil
 mm / 25.4 = inches
 µm / 25.4 = mil
 N x 0.225 = lb
 N/mm x 5.71 = lb/in
 N/mm² x 145 = psi
 MPa x 145 = psi
 N·m x 8.851 = lb·in
 N·m x 0.738 = lb·ft
 N·mm x 0.142 = oz·in
 mPa·s = cP

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