

# TEROSON PU 9161 AF

November 2016

## Technical Data Sheet

### PRODUCT DESCRIPTION

<b>Technology</b>	2-component, Polyurethane
<b>Product Type</b>	Flexible Foam
<b>Additional Information</b>	Anti-flutter, noise reduction

TEROSON PU 9161 AF is a 2-component flexible foam which cures at room temperature. TEROSON PU 9161 AF can be painted with standard commercial car repair refinishing paints. The product is supplied in a convenient twin cartridge.

### APPLICATION AREAS

TEROSON PU 9161 AF flexible foam is used to reduce vibration on metal components by isolating the outer sheet from the inner reinforcements resulting in a reduction of the NVH [noise, vibration, harshness] of the vehicle. Applications include door skins to intrusion bars, turrets to roof bows, bonnet and boot skins to frames and around the fuel filler apertures. The uncured material has excellent sag resistance and foams to a closed cell with 100% memory.

### TECHNICAL DATA

(Typical Test Results)

#### COMPONENT A

Colour	dark-grey
Density	approx. 1.03 g/ml

#### COMPONENT B

Colour	yellowish
Density	approx. 1.09 g/ml

#### Mixing ratio A : B

by volume 1 : 1

#### MIXTURE (Component A + B)

Colour	grey
Density	approx. 0.2 g/ml
Foaming starting time	30 to 35 sec. (23°C, 50 rh)
Expansion Volume	approx. 300 %
Skin formation time	60 to 90 sec. (23°C, 50 rh)
Full expansion time	2 min.
Tack free time	5 to 10 min.
Full cure (23°C, 50% rh)	approx. 10-15 min
Paintability	after 5 min. up to 72 h

### PRELIMINARY STATEMENT

Prior to application 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.

### DIRECTIONS OF USE

#### Pretreatment

The parts to be bonded must be free from oil, grease, moisture, dirt and release agents.

#### Application

Protect any areas from accidental contact. Insert cartridge into a suitable dispensing gun and remove cartridge cap. Dispense a small amount of product to level the plungers. Attach mixing nozzle and cut end to desired bead size. Discard the first 2 cm of extruded adhesive bead. Dispense material between the relevant surfaces. If material is left in the cartridge, remove the mixing nozzle immediately to avoid migration of the foam back into the cartridge. Discard the application nozzle and place the cap onto the cartridge for a later use.

#### Curing

Curing and foaming occurs at room temperature, by mixing of both components with a static mixer. If you are working in a cold environment, please warm up the material to room temperature before use (approx. 23°C).

#### Cleaning

Freshly applied and uncured material should be removed with a dry cloth and then cleaned off with a suitable solvent. Cured foam can only be removed mechanically.

#### STORAGE

Frost sensitive	no
Recommended storage temperature	10 to 25 °C
Shelf life	12 months in original packaging

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