

## TEROSON® MS 9360 2C

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### Product description

TEROSON® MS 9360 2C provides the following product characteristics:

<b>Technology</b>	Silane-modified polymer
<b>Product type</b>	Adhesive/Sealant
<b>Components</b>	Two-component
<b>Cure</b>	Cure at ambient temperature
<b>Appearance (Component A)</b>	Black
<b>Appearance (Component B)</b>	White
<b>Consistency</b>	Pasty, Thixotropic
<b>Odor</b>	Characteristic
<b>Mix ratio, by volume (Component A : B)</b>	10:1

TEROSON® MS 9360 2C is a high viscous, flame resistant, two-component adhesive based on silane modified polymers which cures to an elastic product. The material is free of solvents, isocyanates and silicones. After component A has been thoroughly mixed with component B the curing starts - independent of humidity - to form an elastic material. In order to really make use of the advantage of elastic bonding, care should be taken of a sufficient dimensioning of the bonding joint. A minimum thickness is necessary so that the elastic adhesive is able to compensate the movements between the materials to be bonded under the influence of different temperatures during final use of the bonded part.

### Application areas:

TEROSON® MS 9360 2C is used in the automotive industry for elastic bonding and sealing applications.

### Technical data

Component A, density, g/cm <sup>3</sup>	approx. 1.4
Component B, density, g/cm <sup>3</sup>	approx. 1.3
<b>Mixture (Component A+B)</b>	
Sag resistance	no sagging
Pot life, min*	ca. 5
Shore-A-hardness, ISO 868, Durometer A	ca. 55
Tensile strength, ISO 37, MPa	ca. 3.4
Elongation at break, acc. to ISO 37, speed 200 mm/min, %	ca. 200
Tensile shear strength (acc.to EN 1465, speed 10 mm/min), MPa	ca. 2.5
Application temperature, °C	5 to 40
In service temperature range, °C	-40 to 100
Short-term (up to 1 hr), °C	120
* ISO 291 standard climate	23°C, 50%, relative air humidity
Flame resistance, UL 94	HB

### Direction for use

#### Preliminary statement:

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

#### Pre-Treatment:

The substrates must be clean, dry, oil- and grease free. Cleaners Teroson PU 8550 or Teroson VR 10 are recommended for this. Depending on the surface it can be necessary to roughen the surface or to use an adhesion promoter e.g. Teroson PU 8517 H or Teroson SB 450 to provide best adhesion. When manufacturing plastics, external release agents are often used; these agents must be accurately removed first. Due to the different compositions of paints, especially powderpaints and the large number of different substrates, application trials before use are necessary.

#### Application:

TEROSON® MS 9360 2C consists of components A and B. A and B components are applied with suitable application guns or automated equipment in a volume ratio of 10:1 and homogeneously mixed with a static mixer shortly before application. Low material temperatures of the sealant lead to an increase in viscosity, which is noticeable through a reduced squeeze-out rate.

#### Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:

**Hazardous Information**  
**Transport Regulations**  
**Safety Regulations**

#### Storage:

Frost-sensitive	no
Recommended storage temperature, °C	10 to 25
Shelf-life (in unopened original packaging), months	12

## Additional information

### Disclaimer

The information provided in this Technical Data Sheet (TDS) including these recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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