

TEROSON MS 660

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PRODUCT DESCRIPTION

TEROSON MS 660 provides the following product characteristics:

Technology	Silane-modified polymer
Product Type	Adhesive/Sealant
Components	One-component
Cure	Humidity
Application	Assembly
Appearance	Transparent
Consistency	Pasty, Thixotropic
Odor	Characteristic

TEROSON MS 660 is a gun-grade, one-component adhesive/sealant based on silane modified polymers, which cures by reaction with moisture to an elastic product. The skin formation and curing times are dependent on humidity and temperature, and the curing time also depends on joint depth. By increasing the temperature and moisture these times can be reduced; low temperature as well as low moisture retard the process. TEROSON MS 660 is free of solvents, isocyanates, silicones and PVC. It demonstrates low shrinkage. The adhesive/sealant also demonstrates good UV and weather resistance and can therefore be used for interior and exterior applications.

Application Areas:

TEROSON MS 660 can be used for the following applications:

- for bonding and sealing applications
- production of highly flexible indoor and outdoor bonds

TECHNICAL DATA

Density, g/cm ³ :	approx. 1.1
Sag resistance:	given
Skin formation time, min*:	approx. 4
Cure rate, mm/24 hrs:	approx. 2
Shore-A-hardness (ISO 868, Durometer A):	approx. 40
Tensile strength (acc. to ISO 37), MPa:	approx. 2.0
Elongation at break (acc. to ISO 37, speed 200 mm/min), %:	approx. 230
Stress at 100 % elongation (acc. to ISO 37), MPa:	approx. 1.0
Application temperature, °C:	5 to 40
In service temperature range, °C:	-30 to +80
Short exposure (up to 1 h), °C:	100

DIRECTIONS OF 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.

Pre-Treatment:

The substrates must be clean, dry, oil- and grease free.

Application:

Application from 310 ml cartridges is made with the Teroson Hand or Air Pressure Pistols. In the case of compressed air application a pressure of 2 to 3 bar is required. Low material temperatures of the sealant will lead to an increase of viscosity, resulting in a lower extrusion rate. This can be avoided by bringing the sealant up to room temperature prior to application. TEROSON MS 660 can also be applied from hobbicks or drums with high pressure pumps with follower plates. See separate application directions of Teroson MS products in hobbicks and drums.

Cleaning:

For cleaning application equipment contaminated with uncured TEROSON MS 660 we recommend the use of cleaners + diluents Teroson A, D or FL.

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	5 to 25
Shelf-life (in unopened original packaging), 12 months	

ADDITIONAL INFORMATION**Note:**

The information provided in this Technical Data Sheet (TDS) including the 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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