

TECHNOMELT® PUR 9622-02

March 2024

Product description

TECHNOMELT® PUR 9622-02 provides the following product characteristics:

Technology	Polyurethane
Product type	Hotmelt
Application	Bonding and lamination of interior parts

TECHNOMELT® PUR 9622-02 is a moisture-curing hot melt adhesive based on polyurethane.

Application areas:

TECHNOMELT® PUR 9622-02 is used primarily for the following applications:

- Lamination of textile compounds
- Lamination of exterior rear view mirrors, doors and pillars
- Bonding of retainer and other mounted parts

Product properties:

In uncured state the product is crystalline and provides the following properties:

- Very good processing characteristics
- Good wetting characteristics on a variety of substrates
- High initial strength
- Short setting time

TECHNOMELT® PUR 9622-02 cures through reaction with atmospheric humidity to form a hard-elastic material featuring the following properties:

- High heat resistance
- Good chemical resistance
- Good adhesion on fibre mould materials, wood-based materials, films (plasticised PVC, TPO), textiles, polar plastics (e.g. ABS, ABS/PC) and plastics becoming non-polar after pre-treatment (e.g. PE, PP).

Technical data

Uncured

Appearance	Light ivory
Softening point, Kofler, °C	64
Viscosity, Brookfield, 130 °C, Pa.s	30 to 60
Curing time to final strength, days	2 to 5

Cured

Heat resistance, °C	>150
Tested with 0.6 mm oak veneer using the Henkel method of increasing temperature.	

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.

Working temperature:

Recommended working temperature:

In the melting container, °C	120 to 140
At the application roller, °C	120 to 140

Processing:

Since the product will cure when it is exposed to moisture, storage and application must be done under dry conditions. For this reason, the product is delivered in airtight containers.

Safety:

The product contains diphenylmethanediisocyanate. Even if the product is applied within the range of the recommended working temperature, the diisocyanate has a detectable vapour pressure. When the recommended working temperature is exceeded, hazardous decomposition products may be formed in the application unit. Therefore, measures to draw off the vapours need to be taken, e.g., through the provision of extraction equipment. In case of skin contact with the hotmelt, do not try to remove the adhesive from the skin by force. Consult a doctor. Observe the **material safety data sheet**.

Cleaning:

Flushing the system with TECHNOMELT® PUR CLEANER 2 periodically or prior to changing to an alternative reactive hotmelt will reduce internal build-up of adhesive residue. Application devices such as wheels and rolls that expose reactive adhesive to the air should be thoroughly flushed at the end of a production run or at anytime when there is build-up and gelling. Cured PUR hot melt can only be removed by softening with an appropriate solvent such as N-ethyl-pyrrolidone (NEP) and then using a non-abrasive scraper. Strictly follow the instructions of the machine manufacturer.

Classification:

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

Hazards identification
Transport information
Regulatory information

Storage:

Shelf-life, months	12
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Store in the original tightly closed packaging in a cool, dry place.

Additional information

Disclaimer

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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