

## TECHNOMELT® PUR 9041

September 2023

### Product description

TECHNOMELT® PUR 9041 provides the following product characteristics:

<b>Technology</b>	Polyurethane
<b>Product type</b>	Hotmelt
<b>Application</b>	Lamination, Assembly
<b>Appearance</b>	Blocks in aluminium laminated flexible packaging (Peelable Bag)

### Application areas:

- Lamination
- General assembly work
- Assembly bonding of wooden parts
- Gluing of textiles and plastics

### Product properties:

- Reactive hotmelt adhesive system based on polyurethane
- Very good UV resistance
- High initial strength
- Chemical cross-linking within few days
- Bond joint turns into a thermoset
- Very high heat resistance (>150 °C) and cold flexibility
- Excellent adhesion to metal

### Technical data

#### Typical properties

Viscosity 130°C, Brookfield, mPa.s	~10,500
Curing time to final strength, days (depending on substrate)	2 to 5
Heat resistance, °C according to the Henkel method of increasing temperature	>150

### 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
Recommended application amount (depending on substrate), g/m <sup>2</sup>	50 to 400

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.

#### Cleaning:

Cleaning the system periodically or prior to changing to an alternative reactive hot melt 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 with TECHNOMELT® PUR CLEANER 3 at the end of a production run or at anytime when there is build-up and gelling. For cleaning the melting unit with TECHNOMELT® PUR CLEANER 4 is recommended. 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.

#### 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**.

#### Classification:

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

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

#### Storage:

Shelf-life (in unopened original packaging), months (2 kg container for up to 9 months)	12
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Store in the original tightly closed packaging in a cool, dry place.



## Additional information

### Disclaimer

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