

TECHNOMELT® PUR 9015 BV

September 2025

PRODUCT DESCRIPTION

TECHNOMELT® PUR 9015 BV provides the following product characteristics:

Technology	Polyurethane
Chemical type	Hot melt adhesive
Appearance	White solid
Components	One-component
Viscosity	Low thixotropic
Cure	Physical cooling & Moisture curing
Application	Lamination, assembly, gluing of textiles and plastics
Specific benefits	<ul style="list-style-type: none"> • Reactive hotmelt adhesive system based on polyurethane • High initial strength • Chemical cross-linking within few days • Bond joint turns into a thermoset • Excellent environmental resistance • Excellent water resistance • Excellent adhesion to metal

TECHNOMELT® PUR 9015 BV is used for bonding of pretreated metals, ink glass and ABS, PCM and AL. The main application is used for various assembly applications, adapt to automated process, ease of dispensing and maintenance.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Appearance	White liquid
Density, ASTM D792, g/cm ³	1.1
Viscosity, Brookfield @130°C, mPa.s	
Spindle 27, speed 20 rpm	5,270
Open time, 130°C, seconds	150

TYPICAL PERFORMANCE OF CURED MATERIAL

Curing time to final strength, days	2 to 5
(depending on substrate, depth, temperature and humidity)	

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 ²	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.

Directions for use

1. Use gloves to minimize skin contact. DO NOT use solvents for cleaning hands.
2. The surfaces of the substrate must be dry and free from oil, grease, and dust.
3. Hotmelt application system with a gear pump is recommended.
4. When bonding to a substrate with high thermal conductivity the use of a specific application temperature is required for good wetting.
5. Do not heat the product above the specified application temperature range.
6. When the product is not in use do not apply heat, this will degrade the quality of the product and in extreme cases cause carbonization or charring.
7. Carbonized material must be removed mechanically.
8. To internally clean the system add TECHNOMELT® 62 to reservoir and continue to purge material until it comes out clean, like fresh TECHNOMELT® 62. Check for availability in your region.
9. For cold cleaning of surface soiling on application equipment, conveyor belts or other machine parts TECHNOMELT® CLEANER MELT-O-CLEAN can be applied. It is based on natural citrus extract and facilitates manual cleaning even in case of pronounced charring. Before using TECHNOMELT® CLEANER MELT-O-CLEAN, its suitability for lacquered and synthetic coated surfaces should be tested.

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 any time 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 considerably 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 safety data sheet.



Storage

Store product in an unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal storage: 18 - 25°C

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Henkel representative.

Product specification

The technical data contained herein are intended as reference only and are not considered specifications for the product. Product specifications are located on the Certificate of Analysis or please contact Henkel representative.

Approval and certificate

Please contact Henkel representative for related approval or certificate of this product.

Data ranges

The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23°C / 50% RH = 23±2°C / 50±5% RH

Conversions

(°C x 1.8) + 32 = °F
 kV/mm x 25.4 = V/mil
 mm / 25.4 = inches
 µm / 25.4 = mil
 N x 0.225 = lb
 N/mm x 5.71 = lb/in
 N/mm² x 145 = psi
 MPa x 145 = psi
 N·m x 8.851 = lb·in
 N·m x 0.738 = lb·ft
 N·mm x 0.142 = oz·in
 mPa·s = cP

Disclaimer

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Reference 1

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