

**TECHNOMELT**

## The TECHNOMELT PUR Value Package



Excellence is our Passion

# Innovative Products Ensure Quality and Efficiency

## Henkel Offers High Quality TECHNOMELT PUR Adhesives

TECHNOMELT PUR by Henkel convinces of an extraordinarily high quality. Irrespective of its usage – for hard-wearing furniture as well as for elements for indoor or exterior use. TECHNOMELT PUR is the first choice whenever highest bond strength plays a decisive role.



### TECHNOMELT PUR – Adhesives for Highest Requirements

Bondings with TECHNOMELT PUR are resistant against humidity, heat, cold as well as oil and many solvents. As TECHNOMELT PUR does not contain moisture, substrates do not swell. Thus, tensions during the drying process do not occur. These advantages make TECHNOMELT PUR the right choice where quality is of essential importance, e.g. High Gloss surfaces.



#### TECHNOMELT PUR Granulat – A perfect Start

Professional processing of TECHNOMELT PUR and EVA or APAO hotmelts on the same machine.

- » Very high bond strength
- » Superior water resistance
- » Excellent heat resistance
- » Reduced adhesive consumption
- » Adhesion versatility
- » No special melting equipment needed



#### TECHNOMELT PUR – MicroEmission

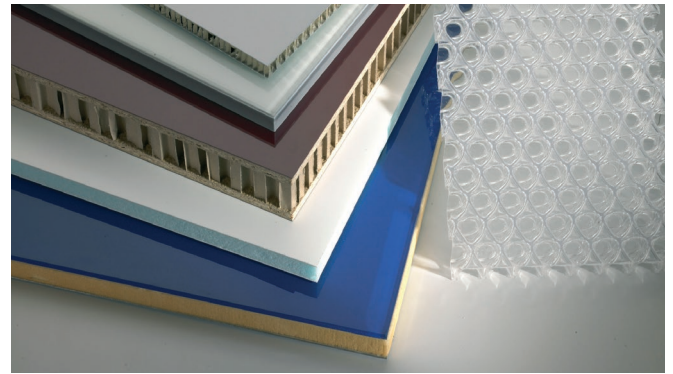
- » Significant improvement of the occupational safety and environmental protection
- » Up to 90% reduction of hazardous, isocyanate-containing vapors
- » Complies with the EU-wide commandment concerning substitution of dangerous substances in the workplace
- » No R40 labeling (according to the EU Directive 2008/58/EG and EU Regulation 1272/2008)
- » Easy processing
- » Full TECHNOMELT PUR power spectrum





### TECHNOMELT PUR – Edge Banding

- » Extraordinary initial strength allows very high line speeds
- » Zero bond line can be achieved
- » High-quality formulations allow highest heat, cold and moisture resistance
- » Available in blocks, cartridges and granules



### TECHNOMELT PUR – Flat Lamination

- » Exceptional roller stability
- » High creep resistance
- » Distinctive tack and optimal wetting characteristics allowing excellent adhesion to numerous substrates
- » Allowing in-line processing



### TECHNOMELT PUR – Profile Wrapping

#### Exterior use:

First-class hotmelts with highest weather resistance

- » Certified by approved institutes
- » Apart from classic solvent primers, we offer VOC reduced systems for the pretreatment of PVC surfaces

#### Indoor use:

- » Universally applicable for decor papers, plastic foils, laminates (e.g. CPL)



### TECHNOMELT PUR – For other Fields of Application

- » Assembly
- » Parquet
- » Multilayer Veneers

## Your Benefits

A high initial strength increases the output. An extraordinary heat resistance, a distinct cold flexibility and a high moisture resistance result in a very broad field of application – TECHNOMELT PUR offers economical security.

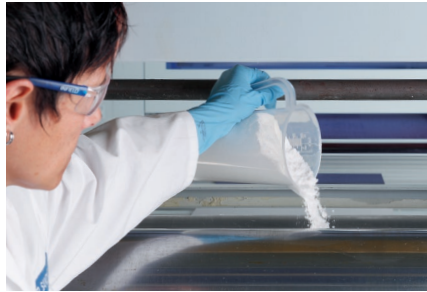
# Optimising Processes and Ensuring Quality Special Henkel Tools Support You

Proven Henkel products, specifically designed for TECHNOMELT PUR support daily cleaning, lubricating or protective coating of equipment components.



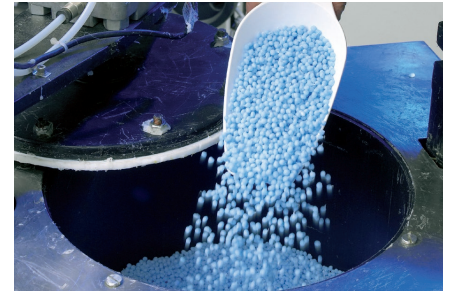
## TECHNOMELT CLEANER MELT-O-CLEAN

- » Liquid cleaner, delivered in convenient spray bottles
- » Especially for non-cured TECHNOMELT PUR
- » Can be easily wiped off with a cloth



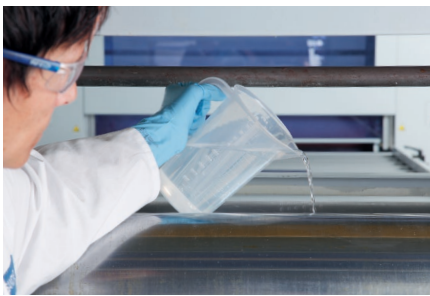
## TECHNOMELT PUR CLEANER 3

- » Special cleaning powder
- » Efficient cleaning of roller-coaters
- » Very short residence time
- » Prolongs the roller-coaters' durability



## TECHNOMELT PUR CLEANER 4

- » Special cleaning granules, blue-coloured
- » Suitable for all common premelting and application systems
- » Inhibits curing of TECHNOMELT PUR residues inside the premelting and application system



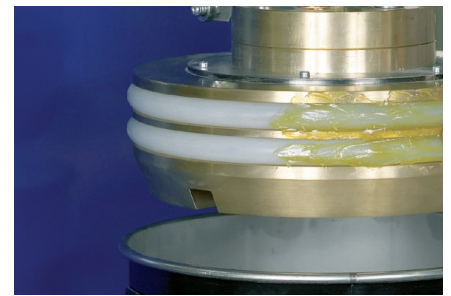
TECHNOMELT PUR CLEANER 7

- » Developed for cleaning roller coaters using TECHNOMELT PUR
- » Enhances the life time of the silicone roller coater
- » Cleaning adhesives residue found on the steel doctor roller



TECHNOMELT PUR CLEANER ME

- » Liquid cleaner for heavily contaminated premelting and application systems
- » Suitable for all common systems
- » Does not require hazardous labeling



TECHNOMELT PUR O-LUB

- » Synthetic lubricant
- » Especially for TECHNOMELT PUR application equipment, e.g. Bulkmelter O-ring's
- » Moisture-free, non-corrosive

## Your Benefits

Easy and fast cleaning increases equipment availability. Henkel lubricants and coating agents prolong your equipment's durability. Result: Decrease of production costs.

# Henkel Provides a Full Service Package Our Technicians Support You – On Site as Well

Henkel customers receive a complete and individual service package which supports the adhesive. Our long-term and worldwide experience is your advantage.

## On Site Consulting

- » Comprehensive analysis of the current production process with focus on adhesive application
- » Development and assessment of possible improvements concerning adhesive application
- » Definition of suitable process optimisation and performance measures

## On Site Start-up Support

- » Technical support during production, start-up process by assistance of experienced Henkel specialists
- » A detailed start-up protocol is part of this Henkel service

## On Site Trainings and Quality Control

- » Individual technical training service on customers own production line by Henkel experts
- » Optimisation of process parameters for adhesive applications
- » Advice for trouble shooting
- » Support of Henkel experts on site on optimal processing of TECHNOMELT PUR
- » Process controlling measures
- » Quality check of produced parts
- » Detailed test report including proposals for establishing customers own quality assurance system is part of this Henkel service

## Mouse Cleaning

- » Highly efficient system to clean hoses used for TECHNOMELT PUR from residuals
- » A maintenance procedure to be carried out once or twice a year
- » In time cleaning avoids production standstills caused by blockings of the hoses or application heads, e.g. slot nozzles

## Quality Control and Trainings at the Henkel Technology Center

- » Quality check in accordance to official standards like DIN, EN, ISO, regulations of associations like RAL Gütegemeinschaft as well as particularly designed tests
- » A detailed report is part of this Henkel service
- » Technical training service on production lines for optimal use of TECHNOMELT PUR
- » Beside the Henkel standard training, individually designed programs are possible as well
- » A detailed training manual is part of this Henkel service



## Your Benefits

From expert to expert – the Henkel team provides technical support on customer's site as well as at the Henkel Technology Center.



# A New Design Needs Competent Partners Close and Comprehensive Team Work

In close co-operation with our customers we share from the beginning our experience when processes have to be redefined as well as new materials or machines are to be introduced.

## Focused on Materials

- » Application and performance tests of new materials at the Henkel Technology Center according to our standards or customers requirements
- » Benefit: Saving of expensive machine capacities due to no interruption of production lines
- » An intensive report is part of this Henkel support



## Focused on Application Equipment

- » On the background of optimal use of TECHNOMELT PUR, Henkel experts offer assistance on selecting suitable processing technology
- » In dependence on system complexity, support in feasibility studies can be provided
- » Benefit: Assistance on adhesive relevant issues related to equipment and using our long-term contacts to machine suppliers



## Focused on Safety, Health and Environment

- » Information on new regulations and directives in condensed manner
- » Benefit: Time intensive study of extended and complicated publications become unnecessary



Responsible Care®

## Your Benefits

We make you aware of promising trends and share them with you. As your partner, we continuously improve product quality and reduce production costs.

# **TECHNOMELT**

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