



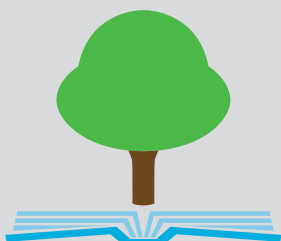
**Henkel**

## Working with Henkel's MicroEmission Product Range makes Life easier

**Bernhard Surböck, responsible for Berger's bookbindery says:** *"We have been searching for a solution offering a high standard in quality as well as in working safety for quite a while. With Henkel's Purmelt MicroEmission we found the perfect match."*

*"Purmelt MicroEmission comes with an excellent performance," says Surböck. "Compared to conventional PUR hotmelts the initial tack has been significantly enhanced, even on difficult surfaces."*





## Henkel – Your Partner in Sustainable Growth



Henkel

### Sustainable PUR Hotmelt for Graphic Arts Industry

Product innovations and thorough review of our PUR portfolio help us to reduce application-related environmental burdens still further, and to achieve further improvements in health compatibility. As a result we have introduced a new generation of polyurethane hotmelts.

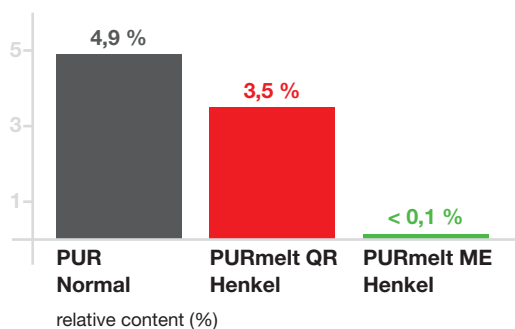


#### Versatile Product Range

Purmelt® ME is a polyurethane hotmelt innovation bringing full adhesive performance. We have developed a full range of products including cover and side glue for a completely sustainable approach. Purmelt® ME has been tested in our laboratories and at customers since 2004.

### Minimal Emission

Content of monomer isocyanate in Polyurethane hotmelt adhesives



#### New Generation

##### of Polyurethane Hotmelts

Compared with conventional polyurethane hotmelts, Purmelt® ME contains < 0,1% monomeric isocyanate that reduces vapor emissions during processing to a minimum. As a result, numerous adhesive processing sectors can now offer their employees safer working conditions while simultaneously reducing the cost of fume extraction equipment and air quality control.

### Improved Occupational Safety

#### Purmelt® MicroEmission versus conventional PUR Hotmelt

- Not hazardous
- No personal protection measures necessary
- No respiratory track sensitization
- No skin sensitization
- No need for surveillance of working place

#### Employee Safety

Isocyanate content in Purmelt® ME is below the limit currently specified as harmful to human health under the legislation of EU members states and therefore not labeled as hazardous. Purmelt® ME makes a major contribution to improving occupational health and safety.

### Elements of Value

For information about our comprehensive service offering and how it can really help your business – please refer to our documents about Service, Process and Design opportunities or contact your local Henkel sales representative.



To learn more about Henkel's sustainability initiative visit:

**[www.henkel.com/sustainability](http://www.henkel.com/sustainability)**

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