



**SIMALFA®**

# **ALFAMELT® Hotmelt Foam Bonding Adhesives**

Engineered for maximum production speed, consistent bonding quality, and lower adhesive consumption.

# CUSTOMERS WORLDWIDE STICKING WITH US



## Mattresses Manufacturing & Foam Converting

- Inline production & instant packaging
- Semi-finished products for the mattress & bed manufacturing industry
- Pocket spring & sandwich mattresses



## Upholstery & Office Furniture

- Upholstered & contract-based furniture production
- Semi-finished products for office & modular furniture
- Acoustic elements



## Automotive & Transportation

- Door panels
- Automobile interiors

# APPLICATION METHODS

ALFAMELT®

Reliable performance across all hotmelt application systems: **AUTOMATIC OR MANUAL**

## Bead and Dot Application

Precise adhesive application of dots and beads.



## Coating Application

Very thin surface coating for meeting stringent requirements with respect to quality and tolerances.



## Spiral and Spray Application

Fine spiral and spray application: the optimal solution for temperature-sensitive and uneven surfaces.



# OUR HOTMELT PORTFOLIO

ALFAMELT®

| Technology                  | Bonding of   | Sustainability             |
|-----------------------------|--|----------------------------|
| APAO                        | Mattresses,<br>Upholstery                            | Bio-based available        |
| PSA                         | Mattresses,<br>Upholstery,<br>Cardboard<br>packaging | Bio-based available        |
| 100% Polypropylene<br>(PP)  | Pocket springs                                       | 100% Mono-material         |
| 100% Polyester<br>(PES)     | Pocket springs,<br>Mattresses                        | 100% Mono-material         |
| PUR-based                   | Mattresses   | <0.1% residual<br>monomers |
| Polyethylene-<br>based (PE) | Fabric covers  |                            |
| EVA/PO Hotmelt              | Cardboard<br>packaging,<br>Pocket springs            | Bio-based available        |

# ENVIRONMENTAL SUSTAINABILITY

**100%** Solvent-free

**100%** Mono-material composition for pure recycling

**35%** Reduced adhesive usage compared to similar products



Bio-based adhesives



Odorless



Low energy consumption with low melt



Carbon footprint reduction



No emissions



Fulfils far-reaching environmental guidelines



Eco-friendly, resource-efficient production

# VISIT OUR SIMALFA® INNOVATION CENTERS

## WORLDWIDE ON THREE CONTINENTS



### No Production Downtime

Work directly with our mattress and upholstery bonding experts in a professional setting. Develop your ideal mattress and upholstery bonding method without interrupting production.  
**This saves you time, money, and overhead.**



### On-Site Visit

Visit us when you're ready. We'll find the best solution for your needs and provide effective and efficient bonding solutions.



### Research and Development

Our in-house team develops innovative solutions for you to try out first and can advise you on your individual requirements to keep your business competitive.



### Process Optimization

Our experts enhance your processes for maximum efficiency, boosting productivity and reducing costs.



### Training and Service

We offer customized training, empowering your team with skills to maximize the benefits of your processes and products.

# ALWAYS A STEP AHEAD

SIMALFA®



## Cost Efficiency

Only a small quantity of our product is required, which reduces material consumption considerably. This results in significant resource conservation and ensures the **lowest possible overall costs**.



## Remarkable Resource Efficiency

SIMALFA® allows an extremely economical amount of adhesive to be applied, resulting in significant material and cost savings and enabling resource-efficient production.



## Trust Through Expertise

Customers benefit from comprehensive advice and support from our SIMALFA® team, ensuring a successful transition to more sustainable production methods.



## SINCE 1972

We are a globally active, medium-sized Swiss family business with over 50 years of experience and an innovative and sustainable portfolio of adhesives.

Stay updated with the latest developments.



SIMALFA®  
WhatsApp channel



SIMALFA® WeChat



Stay informed with all the latest news.



[simalfa.ch](http://simalfa.ch)  
[simalfa.cn](http://simalfa.cn)  
[simalfa.com](http://simalfa.com)



### Switzerland

ALFA Klebstoffe AG  
Vor Eiche 10  
8197 Rafz  
T +41 43 433 30 30  
info@simalfa.ch



### China

SIMALFA China Co. Ltd.  
201 Keyuan Road, Building 2,  
Unit 201, 201203 Shanghai



### Germany

ALFA Klebstoffe GmbH  
Am Buntacker 1  
58675 Hemer



### Poland

SIMALFA Dystrybucja  
ul. J.Slowackiego 6  
10-373 Wadag



### USA

ALFA Adhesives Inc.  
16 Thornton Road  
Oakland, NJ 07436