

Adhesives and Sustainability – Do They Fit Together?

Dear Readers,

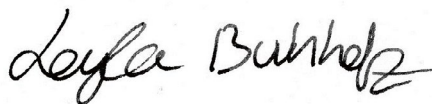
What is bonded once can usually not be undone so easily. The topic of debonding-on-demand, the ability to detach bonded joints, is therefore becoming increasingly important as part of efforts to make product design more sustainable. In the area of consumer product packaging, there are a variety of strategies for reducing waste. In beverage labeling, for example, adhesives are now available that are waterproof while the bottle is in use but can be easily removed in a bottle washing process for reuse or recycling.

In e-vehicles, the use of adhesive tapes in battery systems also enables non-destructive opening of the battery packs and thus further recycling of the individual parts. But adhesive technology can also ensure more sustainable processes in other areas. The use of bio-based adhesives can be sensible, provided they can be obtained in an environmentally friendly way. Residual materials as by-products from other industrial processes are also suitable as a basis for an environmentally friendly adhesive formulation. Likewise, production processes can be optimized both in the application of adhesives and in the manufacture of adhesive tapes to benefit from further potential savings.

With the first issue of the new year, I would also like to draw your attention to a novelty on our own account: As you may have noticed, since the beginning of January you have been receiving our newsletter *Kleb- und Dichttechnik* (Adhesive Bonding and Sealing Technology) every Wednesday instead of just twice a month. In this way, we would like to be even closer to current events in the adhesives industry with our coverage and keep you up to date with the latest news. You have not yet signed up for our newsletter? At www.springerprofessional.de/mynewsletters you can subscribe to this and other newsletters on various specialist areas free of charge.

I wish you an interesting read.

Yours



Leyla Buchholz
Editor-in-Chief

