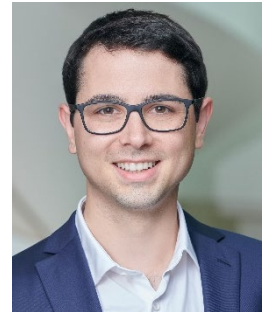


Phillip Ernst
Henkel; DE-Düsseldorf



REVOLUTIONIZING SUSTAINABILITY AND EFFICIENCY: HENKEL'S NEW UV LED HOTMELT PSA

In recent years, UV-curing hotmelt PSAs have surged in popularity due to their more sustainable production cycle compared to solvent-based PSAs. This shift has led to a significant increase in demand and market growth for UV-curable hotmelt PSAs. At Henkel, where sustainability and innovation are core goals, we are committed not only to promoting UV-curable PSAs, but also to advancing next-generation solutions to meet the latest standards.

Henkel's latest innovation, a UV LED curing hotmelt PSA, exemplifies the next step in UV PSA technology. Our new adhesive leverages the benefits of LED curing over traditional mercury lamp curing. It cures much faster than conventional UV hotmelt PSAs, offering substantial energy savings. The long lifespan and low maintenance requirements of UV LEDs further enhance cost and efficiency, demonstrating that sustainability and cost savings can indeed go hand in hand.

Additionally, our advanced adhesive can be cured with UVA LEDs which are already well established in the market. This allows for high-speed curing to achieve fully cured PSAs even at high coat weight. This opens up new application possibilities by eliminating reduction in cohesion at high coat weights.

In summary, Henkel's new UV LED curing hotmelt PSA is a breakthrough that combines cutting-edge technology with sustainability, setting a new standard in the market.