



## Press Release

September 29, 2026

**Shaping the Future of Automotive Mobility**

### **Henkel Showcases Expanded Portfolio, Advancements in AI Tools, Circularity & More at Battery Show North America 2026**

**Madison Heights, Mich.** - Henkel, a global leader in adhesives, sealants and functional coatings, will showcase a cohesive suite of material science innovations at The Battery Show North America 2026 - focused on accelerating time-to-market, enabling design flexibility, boosting range and advancing the circular economy.

#### **Loctite® Solve – Simulation-Ready Material Data Cards**

Live demonstrations will feature this simulation platform, which is designed to help reduce reliance on physical prototyping and shorten development cycles. Powered by simulation-ready material data cards, the tool can provide mechanical, thermal and viscoelastic property data for use in standard computer-aided engineering environments, helping automotive designers evaluate interfacial stress, adhesive fatigue and crashworthiness.

#### **Battery Specialty Tapes – Expanding Performance and Design Flexibility**

With Battery Specialty Tapes, Henkel expands its portfolio beyond liquid adhesives by introducing a complementary range of specialty tape solutions. The portfolio includes water-based technologies formulated with reduced volatile organic compound (VOC) content compared with Henkel's applicable solvent-based alternatives. Specialty tape samples and representative application uses will be featured.

## Lightweight Battery Solutions – Integration of Thermoplastics to Increase Energy Efficiency

Henkel's adhesive solutions support the transition to lightweight battery architectures, including designs using thermoplastic composite substrates. Depending on the selected materials, component design and application, these solutions may support weight reduction while helping maintain structural integrity, thermal performance and safety, which may contribute to improved energy efficiency and vehicle range. Adhesive samples supporting the integration of thermoplastic composite substrates will be displayed.

## Debonding-on-Demand - Supporting Disassembly and Circular Design

Henkel will offer **live demonstrations** of its thermal and electrical debonding-on-demand capabilities, which are designed to facilitate component disassembly and may support repair, reuse or recycling where suitable recovery processes are available. Electrical debonding applies a controlled voltage to reduce bond strength, while thermal debonding uses localized heat to detach components under defined process conditions.

## Conductive Coatings - Supporting Cell Performance

Henkel will feature its latest battery conductive coatings designed to support cell performance by promoting electrode adhesion and conductivity. Formulated to provide exceptional adhesion between battery current collectors and active material films, these coatings play a dual role in both traditional wet-slurry and emerging dry-electrode manufacturing processes, subject to product specifications and application requirements.

**Commented [KC1]:** Confirm the coatings' tested effects on adhesion, conductivity and cell performance, including test protocols, substrates, operating conditions and whether results apply to wet-slurry and dry-electrode processes.

## About Henkel in North America

Henkel's portfolio of well-known brands in North America includes all®, Purex® and Persil® laundry detergents, Snuggle® fabric softeners, Dial® soaps, Schwarzkopf® hair care, as well as Loctite®, Technomelt® and Bonderite® adhesives. With sales about 6.1 billion US dollars (5.4 billion euros) in 2025, North America accounts for 26 percent of the company's global sales. Henkel employs more than 7,000 people across the U.S. and Canada. For more information, please visit [www.henkel-northamerica.com](http://www.henkel-northamerica.com) and on X [@Henkel\\_NA](https://twitter.com/Henkel_NA)

### **About Henkel**

With its brands, innovations and technologies, Henkel holds leading market positions worldwide in the industrial and consumer businesses. The business unit Adhesive Technologies is the global leader in the market for adhesives, sealants and coatings. With Consumer Brands, the company holds leading positions especially in laundry & home care and hair in many markets and categories around the world. The company's three strongest brands are Loctite, Persil and Schwarzkopf. In fiscal 2025, Henkel reported sales of about 20.5 billion euros and adjusted operating profit of around 3.0 billion euros. Henkel's preferred shares are listed in the German stock index DAX. Sustainability has a long tradition at Henkel, and the company has a clear sustainability strategy with specific targets. Henkel was founded in 1876 and today employs a diverse team of around 50,000 people worldwide – united by a strong corporate culture, shared values and a common purpose: "Pioneers at heart for the good of generations." More information at [www.henkel.com](http://www.henkel.com)

**Photo material is available at [www.henkel.com/press](http://www.henkel.com/press)**

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