



Press Release

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TEROSON EP 52: first Henkel-developed product to offer vibration damping and structural integrity in one

New Henkel automotive adhesive: one product, twice the power

Madison Heights, Mich. – Henkel has introduced the TEROSON EP 52 Series, a structural adhesive for increased structural integrity, durability and vibration damping capability. TEROSON High Damping Structural Adhesive (HDSA) emerges as a game changer in the realm of structural adhesives. Beyond its exceptional bonding capabilities, this heat-curing, solvent-free, one-component adhesive boasts unique damping characteristics that redefine the landscape of adhesive performance.

Designed for seamless integration into automated Body-in-White (BIW) production, the TEROSON EP 52 Series is fully compatible with existing standard pump dispensing systems used for structural and hem flange bonding. A standout attribute of the new series is its ability to deliver comprehensive vibration damping within weld-bonded structures, addressing a key challenge in modern vehicle and component design while improving overall durability and comfort.

“The TEROSON EP 52 Series represents a significant leap forward in adhesive technology. For the first time, manufacturers no longer need to choose between structural performance and vibration control – they can achieve both in a single, production-ready material. This innovation reflects our commitment to solving real-world automotive engineering challenges and delivering solutions that elevate performance, efficiency, and design freedom for our customers,” says Girdhari Kumar, Director of Product Development Automotive for Americas at Henkel.

Advanced Performance and Lightweighting Benefits

TEROSON EP 52 Series includes a unique chemical cross-linking mechanism that ensures robust bonding and structural integrity, even in high-temperature applications. The adhesive exhibits outstanding resistance to wash-off from aqueous cleaning and pretreatment agents, demonstrating its reliability without the need for pre-gelling or pre-curing.

Furthermore, the TEROSON EP 52 Series supports vehicle lightweighting initiatives by eliminating the need for traditional bitumen sheets – achieving weight reduction without compromising acoustic performance. With its dual-function innovation and production-ready versatility, the TEROSON EP 52 Series positions itself as a true game changer for manufacturers seeking next generation performance in structural adhesives.

To learn more, visit [TEROSON® EP 52XX | Henkel Adhesives](#).

TEROSON® is a registered trademark of Henkel and/or its affiliates in the USA, Germany and elsewhere.

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 and on X [@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 about 47,000 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

Photo material is available at www.henkel-northamerica.com/press

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