



Press Release

September 11, 2024

Focus on design, manufacturing, and maintenance at the trade show

Enabling the railway industry of the future: Henkel presents sustainable adhesive and coating solutions at InnoTrans 2024

Düsseldorf – “The future of mobility”: In keeping with the motto of the InnoTrans international trade fair for transport technology from September 24 to 27, 2024 in Berlin, Henkel Adhesive Technologies will be presenting pioneering and sustainable adhesive and coatings solutions. At stand 395 in hall 8.2, Henkel engineers and product developers will be present to provide information about innovative technologies for bonding, sealing and maintenance.

In today's rail industry, the demands for performance, safety, and sustainability are constantly increasing. Elastic bonding and sealing remain one of the primary adhesive applications in the rail industry and directly impact the sustainability and safety of the rail vehicle. For example, bonding and sealing of various parts such as windows, panels, roofs and walls require not only reliable mechanical performance, but also adherence to the market norms and regulations with respect to flame, smoke, toxicity testing, and restrictions related to iso-cyanate usage. Similarly, structural bonding with adhesives also play an important role in the construction and maintenance of rail vehicles, reducing dependency on mechanical bonding methods, welding, and riveting. Through adhesive-bonded joint designs, manufacturers can reduce their environmental footprint and support their sustainability goals. As a strategic design partner with a team of experts, its own testing facilities, laboratories, and simulation capabilities, Henkel has been collaborating with the main players in the industry to develop innovative solutions throughout the last decades.

At this year's InnoTrans, Henkel is focusing on three topics: sustainable chemistry, strategic design partnership and smart maintenance. As the materials and processes being used to constructs rail vehicles has changed dramatically throughout the last decades, so should manufacturers and suppliers also adapt. Using the Loctite and Teroson portfolios as examples,

LOCTITE TECHNOMELT BONDERITE TEROSON AQUENCE

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the experts from Henkel will show how adhesive and coatings solutions could meet the challenges of today's designs. Understanding the evolving environmental, health and safety requirements in the market, Henkel is offering products such as phthalate- and tin-free adhesives and coatings to reduce noise and vibration during the lifetime of the vehicle, adhesives that comply with the flame retardancy, UV resistance, and aging performance requirements for the construction and maintenance of rail vehicles.

"Our goal is to introduce innovative technologies along the entire value chain to make rail design, manufacturing and maintenance more sustainable, more efficient, and safer for both manufacturers and passengers," says Orcun Karakisla, Global Market Strategy Manager for rail industry at Henkel. "This is why we invest in pioneering adhesive and coatings solutions, while collaborating with our customers to optimize their designs and manufacturing processes."

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 functional 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 2023, Henkel reported sales of more than 21.5 billion euros and adjusted operating profit of around 2.6 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 48,000 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.com/press

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At InnoTrans 2024, Henkel Adhesive Technologies will present pioneering and sustainable adhesive and coating solutions for the rail industry.



Elastic bonding and sealing are primary adhesive applications that have a direct impact on the sustainability and safety of rail vehicles.