



Press Release

February 01, 2024

New Loctite 4011S and Loctite 4061S formulated without CMR ingredients, heat-resistant formulations improve device safety and performance

Henkel introduces next-generation instant adhesives for medical device applications

Düsseldorf – As a leading manufacturer of advanced adhesive solutions for the medical industry, Henkel has introduced two next-generation medical grade, cyanoacrylates-based instant adhesives that offer improved safety and performance. The new products are formulated without CMR (Carcinogenic, Mutagenic or Reproductively hazardous) ingredients and are designed to offer increased strength during and after heat cycling. Loctite 4011S and Loctite 4061S are designed to meet the specifications of Loctite 4011 and 4061 for easier validation in existing medical applications.

Both new products have been tested to ISO 10993 biocompatibility standards. The adhesives develop handling strength in seconds on most substrates and provide high bond strength on a range of materials including plastics, rubbers, and metals. After 1000 hours of exposure to 120°C (248°F) heat, these next generation adhesives offer approximately 100% greater shear strength on steel than other instant adhesive formulations.

Henkel's new, heat-resistant instant adhesives are excellent candidates for bonding various types of catheters, as well as tube sets, surgical robots, and other medical housings.

"Henkel is committed to medical quality systems and good manufacturing practices as a pioneer for sustainable solutions," said Philipp Loosen, Vice President and Head of Industrials EIMEA and Global Key Accounts Medical at Henkel. "The launch of these new, next generation instant adhesive are formulated to meet the highest safety standards, addressing the need for safe and effective medical device assemblies, and demonstrating our longstanding commitment to the medical industry."

LOCTITE TECHNOMELT BONDERITE TEROSON AQUENCE

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For more information about Loctite 4011S and Loctite 4061S, please visit **Henkel booth #2326 at the MD&M West Show** from February 6 through February 8 in Anaheim, California.

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

About Henkel

With its brands, innovations and technologies, Henkel holds leading market positions worldwide in the industrial and consumer businesses. The Adhesive Technologies business unit is the global leader in the market for adhesives, sealants and functional coatings. With Consumer Brands, the company holds leading positions especially in hair care and laundry & home care in many markets and categories around the world. The company's three strongest brands are Loctite, Persil and Schwarzkopf. In fiscal 2022, Henkel reported sales of more than 22 billion euros and adjusted operating profit of around 2.3 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 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

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Henkel AG & Co. KGaA



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