



Press Release

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Hybrid adhesives combine strength and speed to deliver bonding that outperforms

Loctite Universal Structural Bonders Create Limitless Possibilities for Design and Assembly

Düsseldorf — Henkel has introduced Loctite HY 4090 and Loctite HY 4080 GY Universal Structural Bonders, innovative adhesives powered by a patented Hybrid technology that combines the most critical attributes of structural and instant adhesives – bond strength, speed and durability. This powerful combination provides improved performance on a variety of substrates, and the versatility to solve a wide range of design and assembly challenges.

Designed to deliver excellent performance with multiple substrates, from extreme temperatures to high vibration, Loctite HY 4090 and Loctite HY 4080 GY Universal Structural Bonders greatly expand the capabilities of traditional adhesives and offer versatile solutions for challenging applications.

These innovative adhesives create opportunities for designers and OEM engineers looking for ways to improve assembly applications, streamline process steps or bond materials in applications with difficult requirements. Loctite HY 4090 and Loctite 4080 GY Universal Structural Bonders are designed to reach beyond conventional approaches and help overcome costly challenges.



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Loctite HY 4090 offers fast fixture time, substrate versatility, excellent durability and enhanced safety. Its well-balanced properties make it ideal for a wide range of uses, including but not limited to, sign bonding, sealing and bonding of LED lighting fixtures and speaker applications.

Loctite HY 4090 offers good moisture, temperature and chemical resistance, is impact and vibration resistant, and can be used for cold-temperature applications. This product is available in easy-to-use 50 ml syringes and in 400 ml cartridges.

Loctite HY 4080 GY is a new, high-strength, tough bonder with good impact, vibration and shock resistance, as well as enhanced safety. Designed for use in a wide variety of industrial applications, Loctite HY 4080 GY provides long-lasting, durable bonding on everything from metals to plastics. It is low odor and non-flammable, providing improved health and safety benefits over traditional two-part methyl methacrylate adhesives (MMA) and Acrylic structural adhesives.

This product is available in easy-to-use 50 ml syringes and in 400 ml cartridges.

About Loctite Adhesives

Industrial adhesives are radically changing the world of manufacturing, and Loctite adhesives have been at the forefront of innovation. For over 60 years, Loctite products have dramatically increased the reliability of threaded and bonded assemblies. From design engineering to front-line production and maintenance, the Loctite brand offers solutions for every step in the process. To see how Loctite adhesives are transforming manufacturing and maintenance processes, visit www.loctite-success.com.

About Henkel

Henkel operates globally with a well-balanced and diversified portfolio. The company holds leading positions with its three business units in both industrial and consumer businesses thanks to strong brands, innovations and technologies. Henkel Adhesive Technologies is the global leader in the adhesives market – across all industry segments worldwide. In its Laundry & Home Care and Beauty Care businesses, Henkel holds leading positions in many markets and categories around the world. Founded in 1876, Henkel looks back on more than 140 years of success. In 2016, Henkel reported sales of 18.7 billion euros and adjusted operating profit of 3.2 billion euros. Combined sales of the respective top brands of the three business units – Loctite, Schwarzkopf and Persil – amounted to more than 6 billion euros. Henkel employs more than 50,000 people globally – a passionate and highly diverse team, united by a strong company culture, a common purpose to create sustainable value, and shared values. As a recognized leader in sustainability, Henkel holds top positions in many

international indices and rankings. Henkel's preferred shares are listed in the German stock index DAX. For more information, please visit www.henkel.com.

Photo material is available at <http://www.henkel.com/press>

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