



## Press Release

February 25, 2019

Landing approach to greater production capacity and security of supply

### Henkel to showcase enhanced efficiency and sustainability at JEC 2019

Düsseldorf, Germany – In a busier sky than ever, the aerospace industry relies on strong partners capable of meeting its growing demands for more efficient and lightweighting composite materials with an uplift in global availability. Henkel answers these needs with the expansion of the company's production facilities at Montornès del Vallès in Spain and a continuing focus on innovative solutions designed to enhance the sustainability and consolidation of composite structures.

Among the highlights of Henkel's exhibit (Hall 6, Booth M58) during JEC World 2019 at the Paris Nord Villepinte Exhibition Center from March 12 to 14, the company will present Loctite EA 9378 AERO, an innovative next-generation liquid shim material under development. "As a gap filler for use as an integral component in primary aerospace structures, the new grade builds on the proven weight and fuel saving benefits of our broad existing portfolio of Loctite liquid shim solutions, while offering even faster curing rates at ambient temperature," explains Alessandro D'Angelo, Head of Sales Europe for Henkel. "The material will help OEMs in the industry reduce both carbon emissions and manufacturing costs in a wide range of consolidated structural designs."

Loctite EA 9378 AERO has been designed for structural gap filling and tolerance bridging with uniform stress distribution throughout assemblies. It exhibits controlled flow characteristics and will fill even large gaps up to 3 mm with good slump resistance, which gives designers more flexibility in compensating part tolerances. Besides rapid curing, the new liquid shim material also offers high mechanical strength in combination with enhanced fatigue and thermal cycling resistance. Currently in its scale-up phase, the product is being sampled in the field and has already received positive feedback from selected customers.



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Beyond material innovations to meet their needs, customers in aerospace expect global availability and security of supply. “Our expanded European production facilities at Montornès del Vallès are aimed at improving the supply chain by combining state-of-the art automation technology for reliable high-volume rates with best principles of sustainability, resource-efficient production and manufacturing excellence,” says D’Angelo.

Scheduled to go on-stream in June 2019, the Montornès expansion – close to main aerospace manufacturing sites – is expected to become fully operational for aerospace products from Henkel by 2021.

Today, Henkel products are listed in over 5,000 aerospace specifications worldwide. In addition to the company’s liquid shim technology, further aerospace innovations on display at the JEC show will include Loctite potting compounds for honeycomb sandwich assemblies, high-quality Loctite surfacing films as well as various priming and surface treatment solutions.

The comprehensive portfolio is complemented by Henkel’s extensive engineering expertise in the rapid development, validation and optimization of aerospace composite applications. Apart from test volumes of materials available for sampling, customers are also supported through dedicated test facilities at the company’s Düsseldorf (Germany) and Bay Point (California) sites.

Meet Henkel’s market and materials experts at Booth M58 (Hall 6) during JEC World 2019 to learn more about the company’s innovative solutions for advanced lightweighting applications in aerospace. Find out more details at: <https://bit.ly/2E09HII>.

Loctite is a registered trademark of Henkel and/or its affiliates in Germany and elsewhere.



### **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 2018, Henkel reported sales of around 20 billion euros and adjusted operating profit of around 3.5 billion euros. Henkel employs around 53,000 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](http://www.henkel.com).

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The following illustration material is available at [www.henkel.com/press](http://www.henkel.com/press).



Henkel addresses the needs for enhanced efficiency and sustainability in aerospace composite structures at JEC World 2019.