



Press Release

November 13, 2019

Collaboration to combine materials and industry expertise with production and technology know-how

Henkel and Shapeways to partner for large-scale industrial Loctite 3D printing solutions

Düsseldorf – Henkel as a global leading provider of advanced 3D printing materials, post processing solutions and services across a broad variety of industry segments and Shapeways, a leading tech platform for product creation through 3D printing, today are announcing a partnership to expand its capabilities for industrial large-scale additive manufacturing. The collaboration aims to further enhance the accessibility of Henkel's Loctite 3D printing materials to the company's customer base by using Shapeways' proprietary technology and 3D production expertise. The partners will showcase its common program during the upcoming Formnext 2019 trade show in Frankfurt, Germany.

Henkel aims to further drive additive manufacturing towards the mass production of functional parts across various industries and offers an open materials platform for manufacturers of 3D printers and system providers. As a central element the company has launched differentiated next-generation resins under the well-known Loctite brand. By adopting the technology and production capabilities of Shapeways, Henkel will enhance the accessibility of its material solutions for its global customer base in more than 800 industry segments.

"We are excited about the collaboration with Shapeways as a leading technology platform for customized 3D printing solutions," explained Philipp Loosen, Head of 3D Printing at Henkel. "Combining Shapeways' technology and production expertise with our materials know-how and industry access enables a powerful combination for the large-scale 3D printing of customized Loctite parts. Based on the partnership, we will launch a digital platform leveraging novel opportunities to its global customers for Loctite solutions in 3D printing through Shapeways' existing platform integration."



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Henkel and Shapeways have agreed to a multi-step program called 'Loctite Powered by Shapeways'. As a first step the companies have launched a novel landing page under www.loctite3dp.com where Henkel customers can order a broad variety of predefined Loctite demo parts, including the novel photopolymer for fire safety standard UL's 94V-0.

As next steps the partners will constantly enhance the functionalities and offering to enable Henkel customers to order customized industrial parts based on their material requirements. Henkel will introduce the program during the upcoming Formnext on November 19 to 22 in Frankfurt, Germany, in hall 12.1 at booth C41.

"Our goal at Shapeways is to simplify product creation by empowering businesses to bring innovative ideas to life, from design through production and scale," said Greg Kress, CEO at Shapeways. "Shapeways is eager to leverage Henkel's tremendous deep industry knowledge and provide a B2B manufacturing solution to further enable Henkel to scale the accessibility of its 3D printing materials to a wider global customer base. Henkel is experiencing incredible continuous growth and provides accessibility to a wide variety of sectors, just one of the many reasons we're excited to partner with them."

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.

About Shapeways

Shapeways is redefining product creation. The platform enables creators to bring their ideas to life with services to design, make and sell products made via 3D printing manufacturing. Shapeways has over 1 million creators and has printed over 12 million products. Unlike desktop printers or makerspaces, the Shapeways platform offers services from their own factories and global supply chain network. Shapeways gives businesses and everyday creators access to the most innovative technology and



industrial-quality materials. Printing in over 60 materials and finishes, Shapeways has factories and offices in New York, the Netherlands, and a network of innovative partners around the globe. It is a spin-out of the lifestyle incubator of Royal Philips Electronics, and investors include Union Square Ventures, Lux Capital, Andreessen Horowitz, INKEF Capital, Index Ventures, Hewlett Packard Ventures, and Presidio Ventures. To learn more, please visit <https://www.shapeways.com>. Additional press materials available [here](#)

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

Henkel AG & Co. KGaA

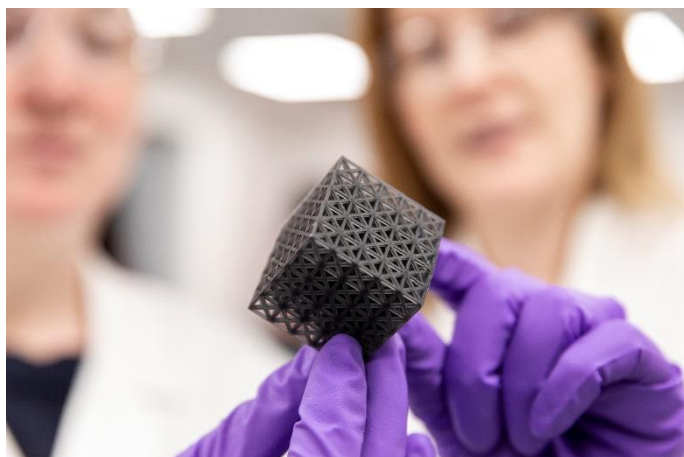
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Henkel and Shapeways are partnering for large-scale industrial 3D printing solutions



Under the new 'Loctite Powered by Shapeways' program the partners aim to further enhance the accessibility of high-performance materials to Henkel's global customer base