



Press Release

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Driving the commercialization of 3D printing solutions

Henkel expands collaboration with InterPRO for application development

Düsseldorf, Germany – Henkel and InterPRO Additive Manufacturing, a service bureau based in Connecticut, USA, are expanding their partnership to drive the adoption of 3D printing solutions in industrial markets. As part of the collaboration InterPRO will serve as an Application Development Partner, accelerating the commercialization process for large opportunities in additive manufacturing.

“We are delighted to announce the expansion of our collaboration with InterPRO,” says Dr. Simon Mawson, Senior Vice President and Global Head of 3D Printing at Henkel. “With decades of development experience, InterPRO has a deep knowledge in adopting additive manufacturing to reduce the time and cost to engineer, test and manufacture new products. In combination with Henkel’s leading portfolio of photopolymer materials we aim to further accelerate the adoption of additive manufacturing for the production of industrial parts. Over the past two years, we have already worked collaboratively to test new materials, onboard new applications, and convert production work to digital light processing (DLP) based 3D printing technologies.”

“The initial collaboration with InterPRO was very successful and promising,” adds Cindy Deekitwong, Global Head of Marketing for Henkel’s Incubator Businesses. “The [Distek](#) application is a great example. Together we were able to help a medical device company leverage additive manufacturing to produce the high quality, low volume parts they needed. Building on that foundation we aim to open new opportunities for many more customers across industries.”

Henkel has a longstanding experience in material chemistry. The company’s line of Loctite branded photopolymer 3D printing materials is uniquely positioned to address the needs of customers in many markets. Among other attributes, Henkel’s materials offer similar strength characteristics compared to fused deposition modeling (FDM) processes with a smoother

surface finish, making them an ideal choice for use in industrial production. Unlike older resin-based technologies, the printed parts maintain their mechanical properties over time without becoming brittle or changing color.

For more than two decades InterPRO has offered an array of additive manufacturing services, utilizing many different technologies including FDM, multi jet fusion (MJF) and large format stereolithography (SLA). In recent years the company also began offering DLP 3D printing on the Origin P3 printer, enabling them to fully leverage the materials portfolio from Henkel.

“We have learned over the years that asking our clients to adopt new processes and materials requires a cohesive ecosystem of printers, service and material partners,” says Dan Straka, President of InterPRO. “Henkel has come to the market with an incredible range of engineered materials that push the boundaries of what photo-cured thermosets have typically offered in the past. Between the advanced materials and support, InterPRO has been able to deliver production worthy, customer facing parts that rival traditional methods of production.”

With advancements in DLP technology and Henkel’s portfolio of photopolymer resins, more and more industrial customers are considering 3D printing as a viable alternative to traditional manufacturing methods like injection molding and CNC machining. Among its advantages, additive manufacturing’s lower upfront cost reduces risk. Without having to pay for expensive tooling, companies can afford to green-light more ideas and produce small batch parts for niche applications.

As an Application Development Partner, InterPRO will assist Henkel in developing new production applications in the medical, consumer, industrial and aerospace markets. Customers will benefit from InterPRO’s knowledge and experience in the additive manufacturing industry. The service bureau will provide engineering services, including Design for Additive Manufacturing (DfAM), in addition to production and finishing services, helping qualify each application from concept to finished part.

“We’re excited to grow our relationship with Henkel as an Application Development Partner,” Dan Straka adds. “Our complimentary skills and expertise will better enable both companies to support our clients’ increasing needs in this unprecedented time of challenges and risks.”

To learn more about Henkel’s unique line of photopolymer 3D printing materials, please visit [LoctiteAM.com](https://www.loctiteam.com).

To learn more about InterPRO, please visit [interpromodels.com](https://www.interpromodels.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 2019, Henkel reported sales of more than 20 billion euros and adjusted operating profit of more than 3.2 billion euros. Henkel employs more than 52,000 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 InterPRO

For more than two decades, InterPRO has been helping clients solve their prototyping and manufacturing challenges by offering an array of 3D printing services including large format stereolithography (SLA), multi jet fusion (MJF), fused deposition modeling (FDM), cast urethane parts, rapid silicone and custom finishing. See how InterPRO can help you by visiting www.interpromodels.com.

Photo material is available at www.henkel.com/press

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Henkel AG & Co. KGaA



Adaptors for medical bio-reactor equipment developed and printed by InterPRO and Henkel with Loctite 3843 black.