



Press Release

October 04, 2023

Universal ready-to-use coating reduces cost and complexity of packaging manufacture while improving safety for food applications

Chlorine-free Loctite Liofol HS 1181 universal heat seal coating brings versatility and enhanced safety

Düsseldorf – For packaging manufacturers, the need to use a range of different heat seal coatings to ensure optimal performance and safety can add considerable cost and complexity to production, supply chains and inventories. With the development of Loctite Liofol HS 1181, Henkel is helping brands and manufacturers take on these challenges with a universal, high-performing heat seal coating for sealing aluminum foil or polyester film to plastic substrates.

Containing improved formulations, food safe and compliant with the highest safety standards, Loctite Liofol HS 1181 provides a universal ready-to-use solution that eliminates the need for multiple coatings. It is ideal for applications like plastic coffee capsules, peelable dairy lidding, water bins and pharmaceutical blister packaging. The new heat seal coating is designed to provide strong sealing and hot tack properties for aluminum foil and polyester film and is sealable to various plastic substrates including PS, PP, PET, PE and PVC. At low coating weights, Loctite Liofol HS 1181 provides a peelable seal. The solution doesn't contain Chlorine and Epoxy to ensure a high level of standards compliance for food contact. This ensures suitability for the manufacture of food packaging materials under the applicable FDA and EC-provisions.

"Loctite Liofol HS 1181 demonstrates our commitment to realize entirely new possibilities through innovation while ending previously unavoidable compromises," explains Davide Coppola, Senior Business Development Manager at Henkel. "It brings unprecedented flexibility to manufacturers that can use the same heat seal solution for multiple packaging applications and thereby minimize cost and complexity. At the same time, this universal sealing product has been formulated with safer chemicals to provide consumers with safer food packaging that they can trust. Hence, it is a truly universal solution."

About Henkel

With its brands, innovations and technologies, Henkel holds leading market positions worldwide in the industrial and consumer businesses. The business unit Adhesive Technologies is the global leader in the market of 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 concrete targets. Henkel was founded in 1876 and today employs a diverse team of more than 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

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

Contact Oliver Juentgen
Email oliver.juentgen@henkel.com

Vincent Zimmermann
Henkel.adhesive-technologies@emanatepr.com

Henkel AG & Co. KGaA



Improved safety for food applications: Henkel launches universal heat seal solution Loctite Liofol HS 1181.