

## **Press Release**

October 10 2016

Filtech 2016

### **Henkel to showcase innovations for the filtration industry**

**Düsseldorf/Cologne. Henkel will be at Filtech – the largest filtration event worldwide – from 11 through 13 October, exhibiting its latest adhesive products for the filtration industry. Under the Loctite and Technomelt brands, the world’s leading provider of adhesives, sealants and functional coatings offers efficient, tailor-made solutions along the entire process filtration value chain.**

Adhesive technology plays a key role in the filtration industry. Advanced adhesives have a major impact on the efficiency and reliability of the associated systems. With Loctite EA 9452 and Technomelt AS 5115, Henkel is appearing at Filtech with two high-performance adhesives ideally adapted to the complex requirements of filter systems.

#### **Short cleaning cycles, high production rates**

Given the increasing global scarcity of water, manufacturers of liquid filtration systems serving the water treatment, food and beverage industries are constantly faced with the challenge of increasing the reliability and efficiency of their products. At the same time, the cleaning and maintenance costs incurred by filter users need to be kept as low as possible for their processes to remain competitive. Henkel has developed its new 2-part epoxy adhesive Loctite EA 9452 in specific response to these exacting demands. The product innovation is characterized in

particular by a unique level of acid and alkali resistance. Compliant with EU Food Approval 10 / 2011, Regulation (EC) No. 1935/2004 (food contact) and Germany's KTW (water contact), Loctite EA 9452 offers high temperature stability up to 85 degrees Celsius during the cleaning cycle. The user benefit: "Now such filtration systems can be cleaned at higher temperatures, which means increased efficiency, shorter cleaning cycles and higher production rates," explains Frank Lenz, Henkel's Filtration Business Development Manager for Europe.

### **Very good resistance to mold and bacteria**

Filter manufacturers working with the Henkel development Technomelt AS 5115 are already well armed for the future in that they can guarantee their customers the peace of mind that comes with truly reliable product quality.

The hotmelt will resist temperatures up to 100 degrees Celsius and offers very impressive resistance to mold and bacteria in line with ISO 846. This results in a corresponding reduction in the amount of cleaning and disinfection work required for components and apparatus. Its use also frees up further scope for filter design, with stringing or "angel hair" effectively eliminated.

Technomelt AS 5115 is suitable for a wide range of applications, including pleating in filters or the manufacture of clean room filters. The product is also approved for use in HVAC systems in accordance with German engineering code of practice VDI 6022.

### **Support throughout the value chain**

Henkel offers integrated solutions along the entire value chain of process filtration – from pretreatment and bonding to the final processing of filters of all kinds. All our products are precisely aligned to the customer-specific requirements of the filter or filtration process in question.

Experienced teams of advisors are also available to help solve complex process or product problems.

A further benefit for filter manufacturers: Thanks to Henkel's global presence and technical expertise, worldwide product availability and support are guaranteed.

The Henkel booth at Filtech 2016 can be found in Hall 11.1, Stand B08. There, visitors will be welcomed by Henkel experts ready to advise on a wide spectrum of efficient solutions for the filtration industry.

For further information, go to [www.henkel-adhesives.co.uk](http://www.henkel-adhesives.co.uk)

**Loctite and Technomelt are a registered trademark of the Henkel Group and is protected in Germany and other countries.**

Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies. Founded in 1876, Henkel holds globally leading market positions both in the consumer and industrial businesses with well-known brands such as Persil, Schwarzkopf and Loctite. Henkel employs almost 50,000 people and reported sales of 16.4 billion euros and adjusted operating profit of 2.6 billion euros in fiscal 2014. Henkel's preferred shares are listed in the German stock index DAX.

**Pictures are available at <http://www.henkel.co.uk/press>**

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Available footage:



A unique level of acid and alkali resistance characterize the innovative Loctite product.



If interested, fair visitors can find out about adhesive technologies in the filtration industry by talking to the adhesive experts of Henkel.