

Press Release

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Henkel has expanded its product portfolio with another important component of vehicle repair and maintenance and has a number of new innovations for lightweight construction.

In good hands

Perhaps more than any other, the automotive industry is influenced by various trends. Our digital lifestyle demands interconnected, futuristic car design and new forms of mobility such as sharing concepts. However, topics such as sustainability and efficiency are playing an ever-increasing role in this sector, too. This myriad of influences can be summarized using the term “lifestyle”: different users, different lifestyles. The challenging task facing the automotive production and maintenance industries is to find ways to take all of these different requirements into account.

With these new market demands in mind, Henkel will be presenting its innovations and comprehensive, expanded product portfolio for vehicle repairs and maintenance in tried and tested OEM quality at the Automechanika 2016. Lightweight construction methods and new materials, as well as their combination in vehicle construction, are making adhesives with improved crash safety and a wider adhesive spectrum increasingly important for the vehicle repair market. The topic of preserving the value of cars as “lifestyle” items is also an increasingly relevant issue, not least within the scope of the sustainable utilization of available resources.



Anti-flutter material for reduced vibration noise

Lightweight construction structures mean that substrates are becoming thinner and thinner in vehicle construction. Teroson MS 222 was developed for relining thin metal substrates and can be used during roof repairs, for hoods and side panels etc., without read-throughs. Henkel has produced an accompanying application video (<https://www.youtube.com/watch?v=hPxoULO07w4>). When repairing new panorama roofs, this product is a perfect companion to the high-performance Teroson EP 5065 adhesive for auto body repairs (<https://youtu.be/DWD1U81YpR8>). The improved Teroson EP 5065 is characterized by very high crash resilience in a wide range of temperatures. This means that this innovation by Henkel, the world's largest producer of adhesives, is particularly suited to the structural adhesion of car parts that are subject to high strain, such as futuristic panorama roofs.

Another new development in the field of auto body repairs is Teroson PU 9161, a 2K polyurethane foam, for lining auto body panels. This product is ideal for the post-production, dent-free lining of roof cover plates and for creating soft seals for example. This soft, elastic foam froths up quickly within five minutes, providing secure sound insulation and acoustic decoupling: <https://www.youtube.com/watch?v=KhyfKpE3K2Q>.

Innovations: professional polishing systems

It is becoming more and more important in the automotive aftermarket to preserve the value of cars as lifestyle items. With the launch of new Teroson Polishing Compounds at the Automechanika, Henkel is expanding its product portfolio by another important component, which is perfectly matched to the needs of the vehicle maintenance and repairs industries. Developed for the automotive aftermarket professionals, it helps to achieve perfect paintwork maintenance, repair and restoration for an as-new shine every time.

Three distinct product lines are available to help you meet the various demands being placed on auto body workshops and paint shops:

- Classic Line: a proven polishing system with stable grain technology
- Universal Line: uses a disintegrating grain, achieves high-performance results for a number of treatments
- Premium Line: the most modern polishing technology with unique agglomerates that ensure a high-gloss effect and a perfect finish in just two steps

But customers are not the only ones who will profit from reliable performance. The Premium Line with its three products – Teroson WX 159, Teroson WX 178 and Teroson WX 189 – is 30 percent faster compared with conventional polishing systems, combining a sanding step and a polishing step. In the age of rising wage costs, this line provides an innovative solution for optimizing workflows and increasing profitability.

Innovations: Teroson ET MultiCut removal system

Henkel's Teroson brand provides a comprehensive product program with sophisticated solutions for removing glass panes and glass repairs. This program gives you a decisive competitive edge – powerful, versatile, professional – with products such as windshield adhesives that meet the highest OEM/OES demands with regard to shear modulus, conductivity and high frequency behavior and ensure extremely fast turnaround times. In addition to its tried and tested glass fitting products, Henkel now has a new glass removal system on offer for automotive workshops and glass repair experts, which only requires one person for disassembly. Moreover, the nylon cutting cords used in the trimming system prevent damage to paintwork and injury as the cords spring back. More information here: <https://www.youtube.com/watch?v=av4XdCNRzpY>

Henkel at the fair

At the Automechanika, the leading international automotive industry trade fair for equipment, spare parts, accessories, and management and services, visitors can find out more about the newest innovations in the field of adhesives and sealants, polishing systems and finishes, at the Henkel booth, A05 in hall 11. Henkel will demonstrate how to apply its solutions on a large treatment island and Henkel staff will be there to answer visitors' questions about choosing and using the right products. In addition to this, visitors will find Henkel at the apprenticeship and training hall, GAL 1, booth A03. Henkel treatment specialists there will provide free training in German and English, directed primarily at beginners and apprentices who want to gain insights into auto bodywork techniques using adhesives and sealants.

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Henkel operates worldwide with leading brands and technologies in three business units: Laundry & Home Care, Beauty Care and Adhesive Technologies. Founded in 1876, Henkel holds globally leading market positions, both in the consumer and in the industrial businesses, with well-known brands such as Persil, Schwarzkopf and Loctite. Henkel employs about 50,000 people and reported sales of 18.1 billion euros and adjusted operating profit of 2.9 billion euros in fiscal 2015. Henkel's preferred shares are listed in the German stock index DAX.

Images are available at <http://www.henkel.com/press>

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The following material is available:



The new Exterior Finish TEROSON Polishing Compounds allow for easy application thanks to step-by-step colour coding – one polishing step, one cap colour.



TEROSON EP 5065 is an adhesive developed for body repair that combines strong adhesion with excellent corrosion protection. It offers a reduced working time of 60 min in comparison to TEROSON EP 5055. Scan QR for application video.



When repairing new cars the very thin roof panels pose challenges that can be met by using TEROSON MS 222 to bond the bows. Scan QR for application video.



TEROSON PU 9161 is a new anti-flutter foam that reduces vibration noise. Scan QR for application video.



This system offers a high level of safety when removing vehicle windcreens or other bonded parts – thanks the usage of a nylon cord in comparison to the traditional wire cords. Scan QR for application video.