

## Adhesive with Hazard-Free Labeling for Automotive Interiors

*Detmold, May 24, 2022—The monomer-reduced PUR hot melt adhesive Jowatherm-Reaktant® MR 642.90 from the Jowat Green Adhesives series facilitates the lamination of challenging parts used in automotive interiors, based on the premise of optimized occupational safety.*

The Green Adhesives product range of the adhesives manufacturer Jowat from Detmold provides an adhesive portfolio ideal for use in sustainable manufacturing processes. For Jowat, sustainability has several different aspects: Apart from resource conservation through the use of alternative raw materials and from active energy saving, the focus is also on occupational safety.

One-component moisture-curing PUR hot melt adhesives have been established in the automotive industry for several decades. Those products are characterized by outstanding bonding properties as well as resistance to hydrolysis, high temperature exposure or UV radiation. However, conventional PUR hot melt adhesives generally contain an excess of free monomer isocyanate of up to 5% and must therefore be marked with the GHS hazard pictogram and the corresponding H and P statements. Depending on the concentration, isocyanates have an irritating effect on the skin, mucosa, eyes and the respiratory system.

Jowat has therefore been developing monomer-reduced PUR hot melt adhesives which are not subject to hazard labeling requirements since the early 2000s already. The resulting product group Jowatherm-Reaktant® MR supplies different reactive PUR hot melt adhesives with hazard-free labeling which are already being used successfully in a wide range of applications.

Jowat's newly developed Jowatherm-Reaktant® MR 642.90 provides a versatile adhesive with hazard-free labeling for the lamination of automotive interior parts, which is tailor-made to meet the requirements in modern production. It can be processed with established application methods. However, its full strength is revealed when applied by spraying in the 3D lamination of automotive parts such as dashboards, center consoles, door and column trims, or retractable trunk covers and floors. In this application, it impresses with high initial strength, good creep resistance, very good resistance to plasticizers, and a performance on a par with its conventional alternatives.

Date

May 24, 2022

Reprint restrictions

reprint free, please submit copy

Contact Jowat SE

Jowat SE  
Verena Rüter  
Marketing  
Ernst-Hilker-Straße 10–14  
D-32758 Detmold  
Phone: +49 5231 749-228  
E-Mail: [marketing@jowat.de](mailto:marketing@jowat.de)

Contact flowmedia GmbH

flowmedia GmbH  
Jörg Aakolk  
Halberstädter Straße 99  
D-33106 Paderborn  
Phone: +49 5231 944240  
E-Mail:  
[presse.jowat@flowmedia.de](mailto:presse.jowat@flowmedia.de)

Further information

Page 1 of 2

By choosing Jowat Green Adhesives, employers can substantially contribute to a reduction in hazard potential and thereby to the protection of their employees—in line with a sustainable and responsible manufacturing process.

**The following photos are available:**



**Source:** Jowat SE

Jowat SE with headquarters in Detmold is one of the world's leading suppliers of industrial adhesives. These are mainly used in woodworking and furniture manufacture, in the paper and packaging industry, for graphic arts, in the textile, automotive as well as in the electrical industry. The enterprise was founded in 1919 and has manufacturing sites in Germany in Detmold and Elsteraue, plus three other producing subsidiaries, Jowat Corporation in the USA, Jowat Swiss AG, and Jowat Manufacturing in Malaysia. The supplier of all adhesive groups is manufacturing over 100,000 tonnes of adhesives per year, with more than 1,200 employees. A global sales structure with 23 subsidiaries plus solution partners is guaranteeing local service with close customer contact.

Contact Jowat SE
Jowat SE Verena Rüter Marketing Ernst-Hilker-Straße 10–14 D-32758 Detmold Phone: +49 5231 749-228 E-Mail: <a href="mailto:marketing@jowat.de">marketing@jowat.de</a>

flowmedia GmbH  
Jörg Aakolk  
Halberstädter Straße 99  
D-33106 Paderborn  
Phone: +49 5231 944240  
E-Mail:  
presse.jowat@flowmedia.de

Further information

Page 2 of 2