

Non-hazardous multipurpose adhesive for laminating automotive interiors

Detmold, 14 May 2019 – PUR hot melts with a reduced monomer content and which are therefore non-hazardous are in high demand in the automotive industry as well. A new product in the Jowatherm-Reaktant® MR series of the adhesives specialist from Detmold provides a high-performance PUR solution for a wide variety of 3D lamination processes in the automotive sector.

For many years, the one-component, moisture-curing polyurethane (PUR) hot melt adhesives of the Jowatherm-Reaktant® product line have proven their worth and been a well-established partner for laminating interior parts in the automotive industry – from instrument panels and centre consoles to door panels and pillar trims as well as seats and headliners.

Since 2002, products with a free monomeric isocyanate content higher than 0.1 % have to be labelled with a hazard pictogram. A newly developed adhesive in the Jowatherm-Reaktant® MR series provides a non-hazardous “all-rounder” (less than 0.1 % free monomeric isocyanate) for laminating automotive interiors in 3D processes. It meets a wide range of requirements for modern modular manufacturing and delivers a performance that is comparable to if not better than PUR hot melts that are subject to hazardous material labelling. The new adhesive is characterised by high green strength, good creep resistance as well as low VOC and FOG values, and can be applied with the application technology established in the industry. Lamination of thin decor materials, in particular, will profit from the newcomer’s excellent spraying performance with a very accurate application pattern and low drop formation. In addition, the adhesive also impresses with minimal stringing at low processing temperatures if applied by roller.

Jowat has successfully developed alternative technologies for the production of non-hazardous PUR hot melts since the early 2000s. The Jowatherm-Reaktant® MR series with its monomer-reduced adhesives once more demonstrates the leading know-how in PUR technology of the adhesives specialist from Detmold. In addition, the enterprise prides itself in close customer contact and a strong dependability in the supply chain facilitated by the production of PUR adhesives in its own global manufacturing locations in America, Asia, and Europe – for maximum efficiency and process reliability.

For more first-hand information about the new non-hazardous “all-round” adhesive come see us at Techtextil from 14 to 17 May in Frankfurt-am-Main, hall 3.0 booth H89.

www.jowat100.com

Date
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Further information
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The following photos are available:



Photo 1: Jowatherm-Reaktant® – New non-hazardous multipurpose adhesive for laminating automotive interiors

Source: Jowat SE



Photo 1b: Jowatherm-Reaktant® – New non-hazardous multipurpose adhesive for laminating automotive interiors

Source: Jowat SE

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Photo 2: Jowat Icon für non-hazardous PUR adhesives

Source: Jowat SE

Introducing Jowat

Jowat SE with headquarters in Detmold is one of the 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 company was founded in 1919 and has manufacturing sites in Germany in Detmold and Elsteraue, plus four other producing subsidiaries, Jowat Corporation in the USA, Jowat Swiss AG, Jowat Manufacturing in Malaysia, and the Jowat Universal Adhesives Australia Pty. Ltd. in Australia. The supplier of all adhesive groups is manufacturing over 90,000 tonnes of adhesives per year, with over 1.200 employees. A global sales structure with 23 subsidiaries plus partner companies is guaranteeing local service with close customer contact.

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