



Jowat
GREEN ADHESIVES



Jowatherm-Reaktant[®] MR 630.99



Hazard-free PUR hot melt adhesive for textile lamination

- **No hazard labeling***
- **Increased health protection**
- **High initial strength**

(*in accordance with EU Regulation 1272/2008 and EU Directive 2008/58/EC)

Occupational Safety Is Not an Option, It Is a Priority

Jowatherm-Reaktant® MR 630.99 is a PUR hot melt adhesive without GHS pictograms. This laminating adhesive was developed for the production of composite materials in the textile industry and can be used for textile-to-textile lamination as well as for textile-to-membrane lamination on established manufacturing machines with engraved roller or slot nozzle applicators. It meets the requirements in accordance with ECO PASSPORT by OEKO-TEX®.

Jowatherm-Reaktant® MR 630.99 is an “all-rounder” characterized by high initial strength and very good wash resistance in the composite textile.

Jowatherm-Reaktant® MR 630.99

PUR hot melt adhesive with hazard-free labeling for textile lamination

Based on		PUR MR
Appearance		yellowish translucent
Viscosity	at 110°C	~17,000 mPas
Processing temperature		100°C–140°C
Softening point		55°C
Reaction time		~5–7 days
Initial strength		●●●
Wash resistance		●●●

What are PUR hot melt adhesives with hazard-free labeling?



One-component moisture-curing PUR hot melt adhesives have been an established technology for decades. The difference between conventional and hazard-free PUR hot melt adhesives lies in the content of free **monomeric diisocyanate**. Depending on the concentration, isocyanates have an irritating effect on the skin, mucous membranes, eyes and respiratory tract, but can also cause **allergic reactions**. Products containing more than 0.1 percent isocyanates must therefore be labeled with the corresponding hazard symbols. As of August 24, 2023, everyone within the European Union who comes into contact with PUR hot melt adhesives will be required by law to have completed a mandatory training. However, adhesives with a free monomeric diisocyanate content of **less than 0.1 percent** are **not subject to hazard labeling**—and therefore also **not subject to the training requirement**.

The information given in this leaflet is based on test results from our laboratories as well as on experience gained in the field, and does in no way constitute any guarantee of properties. Due to the wide range of different applications, substrates, and processing methods beyond our control, no liability may be derived from these indications nor from the information provided by our free technical advisory service. Before processing, please request the corresponding data sheet and observe the information in it! Customer trials under everyday conditions, testing for suitability at normal processing conditions, and appropriate fit-for-purpose testing are absolutely necessary. For the specifications as well as further information, please refer to the latest technical data sheets.