

PRODUCT DATA SHEET

SikaMelt[®]-009

Cleaner for reactive Polyurethane adhesives

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Synthetic resin
Colour (CQP001-1)	Blue
Density	0.9 kg/l
Solid content	100 %
Viscosity at 130 °C	3 500 mPa·s
Application temperature	90 – 150 °C
Shelf life	24 months

DESCRIPTION

SikaMelt[®]-009 is a cleaner for reactive polyurethane hot melt application equipment. It works through displacement of the adhesive and a neutralisation of the isocyanate groups.

PRODUCT BENEFITS

- Good cleaning performance
- Neutralisation of isocyanate groups
- Fast melting

AREAS OF APPLICATION

SikaMelt[®]-009 has both a displacement and neutralising effect. The reactive groups of the polyurethane hot melt react with SikaMelt[®]-009. This prevents further cross-linking of the polyurethane hot melt inside the equipment.

Note: Once the reactive polyurethane hot melt is fully cured, it can only be removed mechanically.

This product is suitable for experienced professional users only.

METHOD OF APPLICATION

In general the application temperature range is 90 °C – 150 °C. The application machines have first to be emptied. Then SikaMelt®-009 is pumped through the machine until only pure blue particle-free cleaner comes out.

When adhesive application starts again, the whole equipment has to be flushed with polyurethane hot melt until no blue coloured hot melt comes out the nozzles anymore. It is recommended to check adhesive purity by adhesion tests. See Manual “Cleaning of application tools for SikaMelt® reactive polyurethane hot melts”.

To meet the required application properties the cleaner viscosity can be adjusted by adapting the application temperature (see diagram 1).

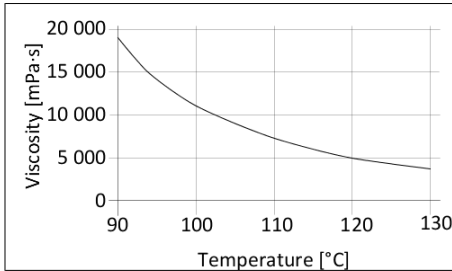


Diagram 1: Viscosity as a function of temperature

STORAGE CONDITIONS

SikaMelt®-009 has to be stored at temperature below 40 °C in a dry place.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- Safety Data Sheets
 - Cleaning Instruction
- For SikaMelt® PUR reactive hot melt equipment

PACKAGING INFORMATION

Bag	20 kg
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BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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