

PRODUCT DATA SHEET

SikaBiresin[®] RA 851

LIQUID RELEASE AGENT FOR POLYURETHANE AND EPOXY SikaBiresin[®] SYSTEMS

APPLICATIONS

- Release agent for polyurethane and epoxy SikaBiresin[®] mold systems in model making
- Not suited for epoxy surface resins and epoxy laminating resins

MAIN PROPERTIES

- Liquid release agent for application by brush or spray gun in two- or three-times coating
- High class surface of final part

DESCRIPTION

- Basis
- Liquid release agent, wax dispersion, oily

PHYSICAL PROPERTIES

Density	g/ml	0.73 – 0,82
Color		Off white
Flash point	°C	< 0 °C

PACKAGING UNITS

- SikaBiresin[®] RA 851 0.7 kg / 7 kg

PROCESSING DATA

- The material, processing and mold or mastermodel temperature must be at least 15 °C – 25 °C.
- Make sure the mold is clean and dry and free of dust and grease before applying the release agent.
- The release agent must be shaken well before use.
- Apply release agent with a clean, lint-free cloth, brush or suitable spray gun.
- When using new molds for the first time, apply three coats of the release agent.
- Every subsequent usage of the mold a single coat of the release agent is workable.
- Each layer needs a drying time from approx. 10 minutes.
- Do not try to polish the surface, or you will lose the release effect.
- The material must be sprayed with a distance of approx. 30 cm on the mold, only in one layer.
- Excess release agent can be removed with a cotton cloth..

STORAGE CONDITIONS

Shelf life	▪ SikaBiresin® RA 851	24 months
Storage temperature	▪ SikaBiresin® RA 851	15 – 25 °C

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 Advanced Resins. Copies of the following publications are available on request: Safety Data Sheets

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

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTICE

The information, and, in particular, the recommendations relating to the application and enduse 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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