Klübertop TH 01 Component B

Hardener B for bonded coatings of the series Klübertop TP -1310, 1310 N, 1300 & 1300 N A/B

Benefits for your application

- **Colourless**
- **Solvent-free**

Description

Klübertop TH 01 Component B is a hardener based on aliphatic polyisocyanate.

Application

Elastomer seals, O-rings and profiled seals for cars.

Application notes

Klübertop TH 01 Component B Component B is a highly viscous product. When incorporating the hardener into low-viscous bonded coatings we recommend homogenizing the mixture by means of an electric stirrer at min. 150 rpm for 5 to 10 minutes.

If an adequate stirrer is not available, small batches of up to one litre should be prepared by adding the total hardener quantity to one third of Klübertop TH 01 component A. After thorough mixture of the two components add the remaining component A quantity. This method is only suitable for manufacturing small batches by hand and may have a negative effect on the pot life of the finished product.Predilution of the hardener with solvent (e.g. methoxypropylacetate or butylacetate) is possible as well.

In this case, the mixing ratio of component B to component A varies depending on the quantity of solvent added.

For the mixing ratio please see the corresponding product information leaflet.

The product should always be stored in the closed original container. Otherwise the product may react with the humidity in the air, which may in turn cause the product to gel. Therefore, the bottle thread should be kept clean to prevent it from sticking to the bottle cap.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Klübertop TH 01 Komponente B
Bottle 1 l	+
Bottle 100 ml	+

Product data	Klübertop TH 01 Komponente B
Article number	099148
Lower service temperature	-40 °C / -40 °F
Colour space	colourless
Upper service temperature	180 °C / 356 °F
Density, DIN EN ISO 2811 pt. 3, 20 °C	approx. 1.17 g/cm³
Shear viscosity at 25°C, shear rate 300 s-1, equipment:rotational viscometer, upper limit value	3 600 mPas
Shear viscosity at 25 °C, shear rate 300 s-1, equipment: rotational viscometer, lower limit value	2 000 mPas
Chemical resistance to ethanol/water (1:1), duration of exposure 1 h	resistant
Chemical resistance to FAM test fuel, DIN 51604, duration of exposure 10 min.	resistant

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Product data	Klübertop TH 01 Komponente B
Chemical resistance to hard gloss preserving agent (commercial product), duration of exposure 22 h	resistant
Chemical resistance to isopropanol, duration of exposure 1 h	resistant
Chemical resistance to window cleaner (commercial product), duration of exposure 1 h	resistant
Chemical resistance to special car shampoo (commercial product), duration of exposure 22 h	resistant
Chemical resistance to white spirit (145/200), duration of exposure 1 h	resistant
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 months

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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