



SurABond®

ADHESIVE

1145

Excellent for the temporary bonding of metal, glass
and ceramics for the purpose of processing

Product Information

Adhesive SurABond® 1145



The SurABond® 1145 adhesive is RoHS-compliant in accordance to the European directive 2011/65/EC. All ingredients are pre-registered according to REACH Regulation (EC) No. 1907/2006.

1. Introduction

This product information seeks to ensure the proper use of the SurABond® 1145 adhesive and prevent eventual mistakes, which can lead to quality insufficiencies or adverse effects.

SurABond® 1145 is an room temperature and heat-curing two-component construction adhesive with medium viscosity based on epoxy resins.

SurABond® 1145 adhesive bonds

- **Metals**
- **Glass**
- **Ceramics**



and is removable in acetone.

2. Surface pretreatment

The surface to be adhering should be dry as well as free of dust and other impurities. We recommend alcohol, acetone, ethyl acetate or other cleaners established for electronic or optical components for the surface cleaning.



SurA Chemicals GmbH

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3. Processing

SurABond® 1145 is usable for 8 hours after mixing its two components. The two components have to be well stirred in the ratio of 1:0.8, The following mixture is recommended as minimum amount:

1.000 g resin
0.800 g hardening agent

SurABond® 1145 can be applied by brushing as well as by appropriate dispensing machines or screen printing.

4. Curing Conditions

SurABond® 1145 has to be cured at room temperature or at high temperature. The curing temperature is highly influenced by the layer thickness.

Curing time of a thin layer at room temperature: about 3 days

The curing time of larger adhesive amounts can rise up to one week.

5. Additional Information

The adhesive is removable residue-free by the insertion in acetone.

6. Delivery Form

SurABond® 1145 is available in small casks, starting from 25 g.

7. Storage

The SurABond® 1145 adhesive is in unopened condition and at room temperature stable for at least 6 months after delivery.

8. Instructions to Occupational and Health Safety

Irritating to eyes and skin. May cause sensitization by skin contact. If on skin, wash immediately with plenty of water and mild soap.

The conversion of all reactive groups is complete after correct curing of the adhesive. Any type of contact is not harmful in that state



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9. Technical Data

Color	Colorless, opaque
Pot life	8 h (at 25 °C)

For eventual questions or doubts concerning your product, we encourage you to get in touch with SurA Chemicals GmbH.

The information and technical consultation given by SurA Chemicals GmbH, verbally or written, is based on the company's best knowledge and shall only be considered as non-binding advice, also in respect of the protected rights of third parties. The company's technical consultation does not release the customer from own examination concerning the suitability and usability of the company's product. The manufacturer's liability extends solely to the value of the products supplied by SurA Chemicals GmbH and applied by the customer.

SurA Chemicals GmbH guarantees its products to be of perfect quality as stated in its general terms and conditions of sale and delivery.



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