

# Teroson RB 285

July 2013

## PRODUCT DESCRIPTION

Teroson RB 285 provides the following product characteristics:

<b>Technology</b>	Butyl Rubber
<b>Product Type</b>	Sealant
<b>Application</b>	Assembly
<b>Appearance</b>	dark grey

Teroson RB 285 is a hot-extrudable, soft-plastic, very tacky adhesive/sealant based on butyl rubber.

The product offers a very good fungus resistance.

On exposure to heat, the product softens considerably but does not melt.

### Application Areas:

Teroson RB 285 can be used for sealing metals and non-metal materials as well as for self-adhesive equipment of PIB foils, fleeces and tapes.

## TECHNICAL DATA

Density, g/cm <sup>3</sup> :	approx. 1.33
Consistency:	soft, plastic
Solids, %:	100
Penetration (cone 150 g, 6 s, 20 °C), mm:	approx. 140 1/10
Tack:	very strong
In service temperature range, °C:	-40 to 80
Short exposure (up to 1 h), °C:	120

## DIRECTIONS OF USE

### Preliminary statement:

Prior to application it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

### Pre-Treatment:

The substrates must be clean, dry, free of oil, grease and other anti-adhesive contaminants (e.g. release agents).

### Application:

#### Application from hobbocks and drums

To apply Teroson RB 285 from drums or hobbocks extruder spiral-, piston-, gear- or rotary-pumps can be used. The pump and the follower plate, hose and applicator must be heatable. By heating Teroson RB 285 gets plasticized and pumpable.

Equipment with separate heating circuits and independent control turned out to be favorable, with the lowest temperature at the follower plate and the highest temperature at the application nozzle. The processing temperatures are between 80°C and 160°C, with the optimum range depending on the desired output and other specific requirements. On request, we will provide you with the needed information on suitable application equipment.

### STORAGE

Frost-Sensitive	No
Recommended Storage Temperature, °C	5 to 35
Shelf-life (in unopened original packaging), 24 months	

### ADDITIONAL INFORMATION

#### Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

**In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:**

In case Henkel would be nevertheless held liable, on whatever legal ground, Henkel's liability will in no event exceed the amount of the concerned delivery.

**In case products are delivered by Henkel Colombiana, S.A.S. the following disclaimer is applicable:**

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

**In case products are delivered by Henkel Corporation, Resin Technology Group, Inc., or Henkel Canada Corporation, the following disclaimer is applicable:**

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by

others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

**Trademark usage**

Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

Reference 0.0

