

# TEROSON VR 2200

Valve Grinding April 2013

## PRODUCT DESCRIPTION

TEROSON VR 2200 provides the following characteristics:

<b>Technology</b>	<b>Valve Grinding Compound</b> Grinding paste to grind valve seats
<b>Base</b>	water-soluble synthetic oil with corundum abrasives
<b>Additional Information</b>	coarse and fine

TEROSON VR 2200 coarse and fine, are grinding pastes based on water soluble synthetic oil and corundum abrasives. Both components come together in one can with two separate chambers and openings. The coarse paste is used for pre-grinding and the fine paste is used to achieve the desired surface finish. Both TEROSON VR 2200 compounds are easy to use, do not run off the surfaces to be ground and can, as they are water-soluble, be easily rinsed off the components after grinding.

### Application areas:

TEROSON VR 2200 coarse and fine, is mainly used for grinding valve seats but may also be used for grinding other components such as ball valves, cock plugs etc.

## TECHNICAL DATA

(Typical Test Results)

### Coarse

Colour: grey  
Odour: slight  
Consistency: viscous liquid  
Density: approx. 1.95 g/cm<sup>3</sup>  
Abrasive size: 90 to 200 µm

### Fine

Colour: grey  
Odour: slight  
Consistency: viscous liquid  
Density: approx. 1.95 g/cm<sup>3</sup>  
Abrasive size: <90 µm

## PRELIMINARY STATEMENT

Prior to use 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.

### Application:

Before application stir both compounds, fine and coarse, to achieve a homogenous paste. If required, water may be added to thin down the compound.

### Practice

For the first step use the coarse paste for grinding the parts to achieve nearly the desired valve seat. The second step requires the fine paste to achieve the desired surface finish and the exact valve seat. After the grinding operation, rinse parts with plenty of water to remove all residual grinding compound and dry parts by using pressurised air.

### Storage:

Frost sensitive	no
Recommended storage temperature	10 to 25 °C
Shelf life	12 months



## Disclaimer

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 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 or Henkel Canada, Inc. 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 0.1

