

TEROSON® SB 450

July 2020

Product description

TEROSON® SB 450 provides the following product characteristics:

Technology	Primer and cleaner
Chemical type	Alcoholic solution
Appearance	Colorless, clear liquid
Components	One component- requires no mixing
Cure	Not applicable
Application	Surface treatment
Specific benefits	<ul style="list-style-type: none">• High cleaning properties• Improve adhesion on difficult-to-bond surfaces• Simple process with cleaning and priming

TEROSON® SB 450 is an alcoholic solution designed for the cleaning of difficult to bond surfaces. It contains active ingredients that improve the adhesion of elastic adhesives and sealants on surfaces on which adhesion is usually difficult to achieve.

Typical Properties

Specific gravity @ 23°C	0.8
Drying time @ 23°C, minutes	10

Typical performance

TEROSON® SB 450 is used for cleaning and if necessary, to improve adhesion of elastic adhesives and sealants on metals, plastics, and coated surfaces.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet.

Direction for use:

Application

A thorough cleaning of the substrates is essential to achieve serviceable adhesion on metals, plastics and coated surfaces

1. Apply a thin and even layer of TEROSON® SB 450 using suitable clean cloth or paper.
2. Wipe surfaces when still wet to remove all heavy contamination. If necessary, repeat cleaning process.
3. The cloth or paper should be changed after apparent contamination.
4. Allow TEROSON® SB 450 to fully evaporate from parts prior to bonding to avoid solvent entrapment within the bond joint.
5. Apply the Henkel adhesive immediately after drying and assemble bond.
6. In order to ensure TEROSON® SB 450 covers the entire substrate, the product contains a UV indicator. It is particularly well visible under a UV lamp with a wavelength of approx. 380nm.
7. Close the container tightly after use to prevent access of humidity. With exposure to water/humidity TEROSON® SB 450 loses its activity and becomes cloudy.

Cleaning

Splashes should be removed immediately with an absorbing material.

Handling precautions:

Cleaner must be handled in a manner applicable to highly flammable materials and in compliance with relevant local regulations.

Special care must be taken to avoid contact of the product or its vapour with naked flame or any electrical equipment that is not flame proofed.

The solvent can affect certain plastics or coatings. It is recommended to check all surfaces for compatibility before use.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal storage: 10°C to 25°C. Storage below 10°C or greater than 25°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Product specification

The technical data contained herein are intended as reference only and are not considered specifications for the product. Product specifications are located on the Certificate of Analysis or please contact Henkel representative.

Approval and certificate

Please contact Henkel representative for related approval or certificate of this product.

Data ranges

The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23°C / 50% RH = 23±2°C / 50±5% RH

Conversions

(°C x 1.8) + 32 = °F

kV/mm x 25.4 = V/mil

mm / 25.4 = inches

µm / 25.4 = mil

N x 0.225 = lb

N/mm x 5.71 = lb/in

N/mm² x 145 = psi

MPa x 145 = psi

N·m x 8.851 = lb·in

N·m x 0.738 = lb·ft

N·mm x 0.142 = oz·in

mPa·s = cP

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Reference 1