

TEROSON® SB 3140

April 2015

Product description

TEROSON® SB 3140 Panel Bonder provides the following product characteristics:

Technology	Synthetic resin
Product type	Road stone anti-chip compound
Application	Sprayable coating compound
Appearance	light, black

TEROSON® SB 3140 is a finely sprayable coating material based on synthetic resins.

The dry film provides excellent adhesion to cleaned underbodies, to bare metal and painted surfaces, high covering capacity, good corrosion protection and high abrasion resistance, resulting in good road stone antichip characteristics.

TEROSON® SB 3140 can be painted with standard vehicle paint systems after about 15 minutes.

For best results, painting should be done within 6 hour(s) after product application.

Oven drying at ca. 60°C is possible without problems.

As a general rule, mechanical stress (e.g. the use of a car wash facility) is to be avoided during the first few weeks.

Please also consult the product information of the paint manufacturer for the mechanical resistance of the overpainted surface.

TEROSON® SB 3140 is used to protect visible vehicle parts, e.g. front apron, rear apron and door sill, against corrosion due to road stone chips, road salt and humidity.

The material can be overpainted shortly after application.

The material is also used in addition to road stone antichip layers and for selective applications and repair jobs after an accident repair.

Technical data

Colour	light, black
Odour	of solvents
Density	~0.93 g/cm ³
Solids of the active ingredient	~55 %
Layer thickness dry film (2-3 crossing patterns)	250 to 300 µm
Drying time	~2 h
Application temperature	15 to 25 °C
In service temperature range	-20 to 70 °C
Short exposure (up to 1 hr)	100 °C

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.

Pre-Treatment:

Surfaces to be treated with have to be cleaned well and rust must be removed. The areas must be dry and grease, dirt and dust free.

Application:

1. The material should be at room temperature at the time of application.
2. Shake the can well, continuing for 1 min. after the ball/bearing becomes audible.
3. Hold can vertically while spraying and apply in two three crossing patterns at a distance of about 20 to 30 cm.
4. If masking tape has been used, always remove it before the material begins to dry.
5. Abrasion resistance and corrosion protection increase with the layer of thickness.
6. For that reason the spray application should be repeated once or twice after a short flash-off time.
7. In order to avoid bare patches, the material should be sprayed in criss-cross fashion.
8. After use, turn the spray tin upside down and operate the valve until nothing but propellant gas emerges.

Important

Do not spray on moveable parts and those subjected to extreme heat, e.g. joints, engine, drive, cardan shaft, exhaust, catalyst and brake system.

Cleaning:

Remove overspray immediately with white spirit or TEROSON® VR 10.

Dried material can only be dissolved with TEROSON® VR 40 or TEROSON® VR 50.

Careful on fresh paints!

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

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 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, 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 1

For the most direct access to local sales and technical support visit: www.henkel.com/industrial