

## TEROSON SB S3000

October 2017

### PRODUCT DESCRIPTION

TEROSON SB S3000 provides the following product characteristics:

<b>Technology</b>	Rubber & Resin
<b>Product Type</b>	Stonechip Protection Compound
<b>Application</b>	Sprayable Coating Compound
<b>Appearance</b>	Black

TEROSON SB S3000 is a solvent containing, high viscosity, sprayable coating material based on artificial resin.

The material demonstrates particularly fast drying characteristics and can be over painted quickly.

After complete drying, the coating exhibits an abrasion-resistant corrosion protection with good stone chip protection properties and good ageing characteristics.

The dry film provides excellent adhesion to bare, primed and painted sheet metal and to plastics coated with primer or filler.

TEROSON SB S3000 can be painted with standard vehicle paint systems (conventional and water based).

Oven drying of painted as well as unpainted parts is possible without problems.

After complete drying the coating can be sanded.

TEROSON SB S3000 has a high sag resistance together with excellent spraying properties.

This allows creating nearly every desired surface texture.

TEROSON SB S3000 is temporarily resistant against gasoline and cold cleaners.

### Application Areas:

TEROSON SB S3000 is used to protect visible vehicle parts against corrosion due to stone chip damage, salt and humidity and allows to recreate the original surface of the stone chip protection coating, once painted.

TEROSON SB S3000 is not suitable for coating elastic materials.

### TECHNICAL DATA

Colour	black
Odour	scent of aromatics
Consistency	viscous, liquid
Density	~1.22 g/cm <sup>3</sup>
Solids	~59 %
Sag resistance	good
Layer thickness wet	up to 1 mm
Diluent / Pretreatment	TEROSON VR 40
Surface drying	2 to 3 hrs.
Completely dry	over night
Application temperature	10 to 25 °C
In service temperature range	-25 to 80 °C
Short exposure (up to 1 h)	100 °C

### 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:

Surfaces to be coated with TEROSON SB S3000 have to be clean, dry and free of rust, grease, dust and other contamination. Areas not to be coated should be properly covered. Adhesion of TEROSON SB S3000 can be improved by roughening the surfaces to be coated with abrasive paper/pad.

#### Application:

TEROSON SB S3000 is applied with the Teroson UBC-Gun from 1-l-cans. Recommended application pressure 4 to 5 bar. Shake can well before use. After product application, close container tightly to avoid skin formation inside the container. Fine surface structures can be obtained with a standard filler gun available in every paint shop. The layer thickness of TEROSON SB S3000 should not exceed 1 mm. This maximum layer thickness should be preferably applied in more than one spray cycle.

#### Important:

Do not spray on joints, engine, gearbox, exhaust components, catalytic converter and brake system components.

Remove over-spray immediately with TEROSON VR 40 and a cloth.

After use, immediately clean the application equipment.

Blow out remaining product and purge with paint thinner or TEROSON VR 40 .

A clogged application tool may cause the can to burst. Please refer to the relevant instruction manual for the respective equipment!

### Painting properties:

#### Painting Behavior:

After application TEROSON SB S3000 can be painted after a short time (after approx. 15 minutes, depending on the applied thickness) with standard automotive paints (conventional and water based).

For best results, painting should be done within 6 hours after product application.

After the product is completely dried, it has to be treated like plastic prior to painting, e.g. sanding and the use of a suitable primer is recommended.

#### Drying:

Painting wet-on-wet followed by oven drying at 60°C is possible without problems.

To avoid bubbles during drying with high IR temperatures the coating has to be air dried approx. 3 hours before over painting and IR drying (Temp. max. 80 °C).

#### Plastic Painting:

For recreating the original texture of a plastic bumper (see Teroson Plastic Repair Set), TEROSON SB S3000 can be mixed with 2K clear paint and hardener (no water based paint).

The mixing ratio should not be more than 50 % of paint and hardener.

A small amount of original colored paint to slightly adjust the color tone of the bumper as well as pastes to achieve a matt finish may also be added.

Through variations of pressure, distance and nozzle dimensions, a variety of different surface textures can be achieved to match the desired structure.

Before applying TEROSON SB S3000, the plastic surface must be treated with Teroson plastic primer TEROSON 150 .

### Incompatibility:

TEROSON SB S3000 contains a highly volatile solvent blend, which may etch certain substrates, e.g. Zinc-Spray, TEROSON MS 9120 SF, TEROSON MS 9320 SF . If these substrates have to be coated, a very thin layer of TEROSON SB S3000 should be applied first, to allow the solvent to quickly evaporate. After complete drying of the thin layer, the coating can be applied to required thickness. In case of doubt, prior testing is recommended. TEROSON SB S3000 must not be applied onto substrates treated with Rust Converter Emulsion as the rust converter will be destroyed. Coating of the layer with standard 1 component or two component primers is recommended prior to coating with TEROSON SB S3000.

### Cleaning:

Remove any overspray immediately with TEROSON VR 40 . Once dried, TEROSON SB S3000 can be removed mechanically only.

Warning: TEROSON VR 40 may attack plastic and the painted surfaces!

### Storage:

Frost sensitive:	No
Recommended storage temperature, °C:	10 to 25

### Packaging:

Can 1L

### Classification:

Please refer to the corresponding **Safety Data Sheets** for details on:

**Hazardous Information**

**Transport Regulations**

**Safety Regulations**



**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 and/or registered trademarks of Henkel and its affiliates in the U.S. and elsewhere.

Reference 0.0