TEROSON

Technical Data Sheet

TEROSON SB 3120

April 2015

PRODUCT DESCRIPTION

TEROSON SB 3120 provides the following product characteristics:

Technology	Rubber & Resin
Product Type	Underbody Coating
Application	Sprayable Coating Compound
Appearance	black

TEROSON SB 3120 is a solvent free, thixotropic underbody coating based on rubber and resins.

After complete drying, the coating offers a permanently elastic, abrasion resistant, highly adhesive protective coating, which protects reliably against corrosion and road stone chips.

The material has excellent sag-resistance and dries quickly; after complete drying the material can be painted.

The dry film adheres well to cleaned underbodies, to bare metal and to painted surfaces.

Application Areas:
TEROSON SB 3120 is especially designed for secondary treatment of inaccessible areas, such as corners, edges, seams, etc. where rust spots are preferably formed, and for underbody repair work.
With the new type of fan jet spraying head underbodies of cars can be optimal coated with a widespread jet.
TEROSON SB 3120 is suitable for the coating of painted automotive body sheets and for the repair and addition of existing coating materials based on PVC or rubber/resins.

TECHNICAL DATA

Colour	black
Odour	of solvents
Density	approx. 1.14 g/cm³
Solids of the active ingredient	approx. 55 %
Sag resistance	good
Layer thickness dry film (2-3 crossing patterns)	400 to 500 µm
Skin formation time	ca. 2 h
Application temperature	15 to 25 °C
In service temperature range	-20 to 70 °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 treated with TEROSON SB 3120 have to be cleaned well and rust must be removed. The areas must be dry and grease, dirt and dust free. In the case of new vehicles, protective wax must be steam-cleaned. If applied to older vehicles, watch out for beginning of rust formation, which has to be removed with a wire brush.

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Application:
The material should be at room temperature at the time of application.
Shake the can well, continuing for 1 min. after the ball/bearing becomes audible.
Hold can vertically while spraying and apply in two three crossing patterns at a distance of about 20 to 30 cm.
Abrassion resistance and corrosion protection increase with the layer of thickness.
For that reason the spray application should be repeated once or twice after a short flash-off time.
In order to avoid bare patches, the material should be sprayed in criss-cross fashion.
Do not spray on moveable parts and those subjected to extreme heat, e.g. exhaust pipes.

Spraying with the fan jet spraying head:
The attached fan jet spraying head enables sharp edged and material saving applicaton; it is primarily used for the treatment of larger surfaces.

Spraying with the round jet spraying head:
With the round jet spraying head small fins and dents can easily be reached.
The new type spraying mechanism allows exact control of the applied amount: light finger pressure creates a thin film, stronger finger pressure creates a thicker coating in one step.
After use the can should be held with the valve down and the spray should be activated until the jet is cleared and only propellant is emitted.

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.

STORAGE

Recommended storage temperature, °C	10 to 20
Shelf-life (in unopened original packaging), months	18
Frost-Sensitive	No

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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.

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