



# Terostat-9320

Elastic, sprayable and brushable  
Seam Sealant

Basis: MS<sup>®</sup>-Polymer

Status: 2002-05-23

## Product Description

Terostat-9320 is a sprayable seam sealant based on MS<sup>®</sup>-polymer, which cures by reaction with moisture to an elastic, abrasion resistant product. The skin formation and curing times are dependent on humidity and temperature, and the curing time also depends on joint depth. By increasing the temperature and moisture these times can be reduced; low temperature as well as low moisture retard the process.

Terostat-9320 displays the following properties:

- repaired seams have the same appearance as the original
- free of isocyanate, silicone and PVC
- good adhesion to metals, primers and top coats
- good paint compatibility, also to alcohol containing paints
- sag resistant
- sprayable and brushable
- reactive drying
- fast through curing
- UV resistant
- high ageing resistance

In addition, the material possesses modest sound damping properties.

## Application Areas

Terostat-9320 is particularly recommended for the sealing of automobile seams in the repair shop in the areas of:

- engine compartment
- boot
- passenger cabin.

The structure of all original seams can be simulated by the use of the Telescope Pistol Multi-Press air assisted spray pistol.

Terostat-9320 can also be used on larger areas to repair or substitute PVC based underbody or stone chip protection coatings.

## Technical Data

Colour:	grey, black
Odour:	barely perceptible
Consistency:	paste
Density:	approx. 1.6 g/cm <sup>3</sup>
Sag resistance:	very good
Skin formation time:	10–20 mins
(DIN 50014 standard climate:	23°C, 50 % rh)
Cure rate:	after 24 h: approx. 4 mm
	after 48 h: approx. 6 mm
(DIN 50014 standard climate:	23°C, 50 % rh)

Shore-A-hardness (DIN 53505):	approx. 65
Paint compatibility:	can be painted after 20 mins with 2K-paints
Application temperature:	5°C to 35°C
Adhesion:	good adhesion to sheet metal (in degreased untreated, galvanized, EC or top-coat painted condition, including metallic paints), PVC underbody coating, polyester, PP/EPDM (trials are recommended)
Chemical resistance:	resistant to light, PVC plasticizers and (short term) to petrol
In service temperature range:	-40°C to 90°C *
Short exposure (up to 3 hr.):	130°C

### **Preliminary remark**

Prior to application it is necessary to read the 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.

### **Pretreatment**

The adherents must be clean, dry, oil and grease free. Teroson Cleaner-FL is suitable for cleaning. The adhesion of Terostat-9320 is increased by roughening the contact surfaces with abrasive paper or textiles. Overpainting cured surfaces of Terostat-9320 (more than 8 hours) require the use of standard pretreatments for the coating of plastics.

### **Application**

Terostat-9320 can only be spray-applied from 300 ml cartridges using the Telescope Pistol Multi-Press, Art.-No. 195.51 B, and the adjustable plastic nozzle. It is possible with this pistol to apply Terostat-9320 either as a bead or as a spray.

By adjusting the pistols in the proper way all seam structures can rapidly and easily be recreated as originally applied by the manufacturer. In addition, width and edging of the seam can be varied by the distance between nozzle and surface. For handling and adjusting information of the pistols see the instruction leaflets which are delivered with the pistols.

### **Cleaning**

For cleaning application equipment contaminated with uncured Terostat-9320 we recommend the use of Cleaner-FL. Cured material can only be removed mechanically.

### **Painting Properties**

Terostat-9320 can be painted after 20 minutes skin formation with 1K and 2K repair paints, including those containing alcohols as solvents. Curing is not hindered by an immediate painting but retarded. Painting should be done within 36 hours after application of the sealant.

### **Primers**

Because of their good characteristics for corrosion resistance and adhesion primers based on phosphate and epoxy resins are the most compatible. Important: primers have to be dry when using Terostat-9320 for sealing and coating.

### **High viscosity primers**

If, after accident repair, those parts to be painted have to be coated with high viscosity primers or similar, these materials should preferably be sprayed before applying Terostat-9320. They should not be applied onto Terostat-9320 because they are not as elastic as the sealant.

If a high viscosity primer has to be sprayed following sealing or coating with Terostat-9320 two things have to be assured: Terostat-9320 should have been applied at least 6 hours before the high viscosity primer which must be suitable for the coating of plastics.

## Incompatibility

Terostat-9320 is not compatible with fresh 1K polyurethane materials; they have to be cured prior to coating with Terostat-9320.

Uncured Terostat-9320 may only be coated with Terotex-Record 2000 and Terotex-HV 200 extra after complete curing.

Terostat-9320 must not be coated with Terotex-Super 3000.

Terostat-9320 should not be treated with systems containing aromatic solvents for this may lead to an etching or swelling of the sealant.

## Tip based on our practical experience

For filling deep joints we recommend Terostat-9120 (Art.-No. 102.78 X) which shows excellent compatibility with Terostat-9320.

## Storage

Frost-sensitive	no
Recommended storage temp.	10°C to 25°C
Shelf-life	12 months

## Packaging

Cartridge	300 ml (grey)	Art.-No. 195.78 F (D/GB/F/NL)
Cartridge	300 ml (black)	Art.-No. 113.24 J (D/GB/F/NL)
Accessories		
Telescope Pistol Multi-Press		Art.-No. 195.51 B

## Hazard Indications/

## Safety Recommendations/

## Transport Regulations

see Safety Data Sheet

## Important

The above data, particularly the recommendations for application and use of our products are based on our knowledge and experience. Due to different materials and conditions of application which are beyond our knowledge and control we recommend strongly to carry out sufficient tests in order to ensure that our products are suitable for the intended processes and applications. Except for wilful acts any liability based on such recommendations or any oral advice is hereby expressly excluded.

**This Technical Data Sheet supersedes all previous editions.**

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