

## TEROSON® WX 970

June 2016

### Product description

TEROSON® WX 970 provides the following product characteristics:

<b>Application</b>	Anticorrosive agent for vehicle underbodies
<b>Technology</b>	Solvent containing anticorrosive agent for the care, touch up and repair of factory-applied underbody coating
<b>Basis</b>	Wax

TEROSON® WX 970 is a solvent containing, bitumen free anticorrosive agent based on wax, polymers and anticorrosive additives. The product is applied with the Teroson UBC-Gun from 1 l cans, but can also be airless sprayed from drums. Due to its excellent sag resistance, the material can be applied up to a layer thickness of approx. 1mm.

### Application areas

TEROSON® WX 970 is primarily used on vehicle underbodies, particularly for the treatment of all protective coatings, like those based on PVC, PVC/wax, bitumen/rubber and rubber/resins.

### Technical data

(Typical test results)

Colour	Anthracite
Odour	Characteristic odour, like wax, mild
Consistency	Thick-flowing, thixotropic

### 1 L Can

Density	~0.86 g/cm <sup>3</sup>
Solids	48%
Viscosity	~250 mPa.s
Equipment	Rheomat 15
Measuring system	A

### Drum

Density	~0.87 g/cm <sup>3</sup>
Solids	50%
Viscosity	~350 mPa.s
Equipment	Rheomat 15
Measuring system	A

Behaviour in the cold	no cracking, no flaking off
Storage	8 hrs -25 °C
Mandrel	70 mm Ø
Corrosion resistance	
salt spray test to DIN 50021 (dry film 50 µm)	min 400 hrs. without rust
climate test DIN 50017-KK (dry film 50 µm)	min 400 hrs. without rust
Application temperature	15 to 25°C
In service temperature	-25 to 80°C
short exposure (up to 1h)	100°C

### Preliminary Statement:

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. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

### Pretreatment

Surfaces to be treated with Teroson® WX 970 have to be cleaned well and rust must be removed. The areas must be dry and free of grease, dirt and to a great extent free of dust. Teroson® WX 970 may only be applied to dry surfaces. Coating materials based on resin/wax can lead to adhesion and compatibility problems with Teroson® WX 970. Therefore, if applied to new vehicles, the underbody has to be steam jet cleaned from protection wax, or compatibility has to be assured by a test application. If applied to older vehicles, first remove existing rust with a wire brush.

### Application

#### Temperature behaviour:

The vehicle underbody should not be too cold in order to assure good spreading and good adhesion of the sprayed material. Temperature of material and underbody should be the same, not less than 15°C.

#### General:

On vertical surfaces, the underbody coating can be applied in one step. In order to avoid bare patches the material should be sprayed in criss-cross fashion. After drying over night the vehicle is ready for use again. For final drying 24 - 48 hours are necessary.

Application from 1L cans:

TEROSON® WX 970 is applied from 1 l cans with the Teroson- UBC gun (operating pressure approx. 3 bar). Prior to application the can should be shaken. Recommended coating thickness: approx. 0.8 mm wet. With this equipment a high spraying output with only little mist formation is achieved.

Application with the pressure fed cup spray gun:

TEROSON® WX 970 can also be applied with a pressure fed cup spray gun when the venturi hook probe (16139 SATA) is used. Ideal application air pressure approx. 3 bar. With this venturi hook probe also areas difficult to reach can be coated very well, e.g. under the wheel house.

Application from drums:

TEROSON® WX 970 is applied from drums with the Teroson Airless Equipment 1:17 GS (nozzle: 0.48 mm, pressure: 4 bar). Recommended coating thickness: approx. 1 mm wet.

Application equipment:

For application from drums airless equipment is necessary. The Teroson Airless Equipment 1:17 is particularly designed for drum application. Because of its pressure ratio 1:17 the material pressure is 17 times the air pressure resulting in material pressures up to 120 bar. The output depends on the air pressure, preferably 5 - 6 bar.

**Note**

Do not spray on joints, engine, drive, cardan shaft, exhaust, catalyst and brake system. Blow out the Teroson- UBC gun immediately after use and finally purge it with TEROSON® VR 20.

**A blocked gun may lead to the can exploding. (The instruction for use of the gun must be followed!). On airless spraying the safety regulations and handling instructions of the equipment manufacturer have strictly to be heeded!**

**Cleaning**

Overspray should immediately be removed with benzine or TEROSON® VR 20. TEROSON® WX 970 can as well be easily removed with white spirit or petroleum. Larger areas can also be steam jet cleaned. Consequently, an underbody treated with TEROSON® WX 970 must not be cleaned by steam jet equipment, unless the old coating is to be removed prior to applying a new coating.

**Storage**

Frost sensitive	Yes
Recommended storage temperature	10 to 25°C
Shelf life	24 months

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