

## TEROSON WX 500

March 2016

### PRODUCT DESCRIPTION

TEROSON WX 500 provides the following product characteristics:

<b>Application</b>	Anticorrosive Agent
<b>Technology</b>	Anticorrosive Agent for cavity conservation
<b>Basis</b>	Waxes, Polymers and Anticorrosive additives

TEROSON WX 500 is a solvent containing but aromatic free anticorrosive agent for cavity conservation, based on waxes, polymers and anticorrosive additives. The material is a thixotropic solution which can be well atomized. This leads to optimum protection even of those areas which are difficult to reach and also between narrow sheet metal tolerances. Teroson WX 500 infiltrates and displaces humidity. The product contains a high content of corrosion inhibitors. Teroson WX 500 atomizes to a fine fog during spraying, has excellent penetration characteristics, penetrates well into the gaps to be protected (e.g. welding seams), but does not run off significantly from lower seams. The material may also be applied at temperatures starting at 10°C, but penetration is improved when product and car body have normal room temperature. After complete drying Teroson WX 500 forms a plastic, water-repellent film with a white transparent colour. Teroson WX 500 has "self-healing" effect and is highly temperature resistant (up to 180 °C).

### APPLICATION AREAS

TEROSON WX 500 is primarily used in garages for spraying cavities in motor vehicle bodies in addition to the existing cavity conservation applied to new cars, for follow-up treatment after 2 - 3 years and after an accident damage repair. The product is also used as an underbody coating wax. After drying, the product is heat resistant up to 180°C. This makes it suitable for example in engine compartments.

### TECHNICAL DATA

(Typical Test Results)

Colour	white transparent
Odour	characteristic odour
Consistency	thixotropic
Density	approx. 0.85 g/cm <sup>3</sup>
Solid	approx. 42 %

Sag resistance	min. 100 µm
Behaviour in the repair paint oven (1.5 hrs at 90°C)	no running off
Behaviour in the cold DIN 53152, -30°C	no cracks, no adhesion loss
Corrosion resistance	no corrosion
salt spray test to DIN 50021 (35°C, salt solution 5%, > 1000 hrs)	
Application temperature	15 to 25 °C
In service temperature	-25 to 180 °C

### 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.

### APPLICATION

Processing with the can:

TEROSON WX 500 can be applied, with the Teroson ET CC CUP AIR GUN with the respective probes. Application pressure for the Teroson ET CC CUP AIR GUN is 3-4 bar. Do not spray onto rubber parts! Depending on the cavity to be treated the drying period can last up to several days; assure sufficient ventilation during drying.

### CLEANING

TEROSON WX 500 drips can easily be wiped off. For cleaning dried material Teroson VR 20 is suitable; larger areas can be steam jet cleaned. Contamination on painted areas should be removed immediately.

### STORAGE

Frost sensitive	yes
Recommended storage temperature	10 to 30 °C
Shelf life	24 months

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### Note:

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