

## TEROSON WT 450 AQUA

May 2016

### PRODUCT DESCRIPTION

TEROSON WT 450 AQUA provides the following characteristics:

<b>Technology</b>	Water-based anticorrosive agent for cavity conservation
<b>Base</b>	Waxes and anticorrosive additives
<b>Appearance</b>	beige

TEROSON WT 450 AQUA is a water-based anticorrosive agent intended primarily for cavity conservation in vehicles. 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. The product contains a high proportion of rust inhibitors to maximize corrosion protection. TEROSON WT 450 AQUA 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 15°C, but penetration is improved when product and car body have normal room temperature. After complete drying TEROSON WT 450 AQUA forms a waxy, plastic, water-repellent film with a beige translucent colour.

### APPLICATION AREAS

TEROSON WT 450 AQUA is primarily used in auto repair shops 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. TEROSON WT 450 AQUA can also be used as a maintenance and care product for vehicle underbodies. It protects from rust, has a brightening effect on all parts looking shabby or slightly rusty. In this case spray the underbody just lightly. TEROSON WT 450 AQUA is also fitted removable protection of bare metal or painted parts, e.g. which are subjected to corrosion due to environmental effect during transportation and storage. The application on paint gives a technical variety (e.g. powder paint, repair refinish, matt painted surface,...) of surfaces and possible interaction with the wax. It is recommended to make testing and trials before the use, to have the needed protection, seal and cleaning confirmed.

### TECHNICAL DATA (Typical Test Results)

Colour	beige
Odour	characteristic odour
Density	approx. 0.99 g/cm <sup>3</sup>
Consistency	thixotropic
Solids	approx. 35 %
Sag resistance	up to 1 mm wet
Dripping temperature of the solids	> 150°C
Flow time acc. to DIN 53211	approx. 30 s
Temperature	20 °C
Nozzle	4 mm
Corrosion resistance	no corrosion
Salt spray test to DIN 50021	(35°C, 5% salt solution, 240 h, 50 µm dry film thickness)
Application temperature	15 to 30 °C
In service temperature	-30 to 100 °C
short exposure (up to 1h)	130 °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.

### Pretreatment

The surfaces to be coated with TEROSON WT 450 AQUA have to be clean, dry and free of rust, oil, grease, dust and other contamination. Areas not to be coated should be properly covered.

### Caution

Do not spray on joints, engine, gear box, prop shaft, transmissions, exhaust components, catalytic converter and the break system. As TEROSON WT 450 AQUA is a water-based product, care should be taken to allow good air access before closing the cavities off (e.g. door trim) and assure good aeration during drying phase (depending on the cavity the drying period can last up to several days). The applied coating should be allowed to dry completely before exposing the vehicle to moisture or frost.

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## Application

TEROSON WT 450 AQUA is applied with the Henkel UBC-Gun from 1-l-cans. Recommended application pressure is 5-6 bar. Shake the can well before use. Fine surface structures can be obtained with the spray gun.

## Cleaning

Equipment and contaminated parts should be cleaned with water immediately after use, if necessary also use an aqueous detergent. Pure solvent based cleaners can't be used for cleaning (coagulation). Parts that have been sprayed with TEROSON WT 450 AQUA for protection during transport can be dewaxed by first spraying with a cold cleaner to soften the product, then cleaned with a steam jet.

## STORAGE:

Frost sensitive	yes
Recommended storage temperature	10 to 25 °C
Shelf life	18 months

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 Our online tutorials support you effectively in your daily work, giving valuable tips and information on specific topics to make your work faster and more effective.

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