



## Cavity Spray

Technical Data Sheet

Status: 00-04-07

**Anti-Corrosion Agent for  
Cavity Protection in a Spray Can**  
**Basis: Waxes, Polymers and Anti-Rust Additives**

### Characteristics

Cavity Spray is a solvent-based anti-corrosion agent for the protection of cavities. It is a thin, slightly thixotropic, atomizing spray which can reach narrow spaces using the special spray tube clung to the cap. Cavity Spray creeps into gaps and drives out moisture. The product contains a high proportion of rust inhibitors.

Cavity Spray is very finely atomized on spraying, has outstanding creep qualities, penetrates well into the spaces to be protected (e.g. welds) and yet does not run excessively from the bottoms of such joints. (In case of excess dripping cover the floor with paper or similar or reduce the amount of material.) The material can even be used at temperatures as low as 10°C, though creep qualities are improved if the product and the body-work are at room temperature.

When fully dry, the anti-corrosion agent forms a soft remaining, water-repellent film of a light brown, nearly transparent colour.

### Application Areas

Cavity Spray is used in workshops principally for spraying the open interiors of cavities as an additional protection over and above the existing cavity sealant in new vehicles and for re-treatment after accident repairs. With the attached spraying head the anti-corrosion agent can also be sprayed for the protection of areas, e.g. on underbodies resulting in a high rust protection and a fresh, new appearance.

### Technical Data

Colour:	light brown, transparent
Odour:	weak characteristic odour of white spirit after complete drying: very weak, mild
Density:	ca. 0.72 g/cm <sup>3</sup>
Solids:	ca. 50 % (active components)
Consistency:	thin liquid, slightly thixotropic
Drop point of solid: (to DIN 51801)	ca. 50°C
Sag resistance:	maximum 100 µm
Penetration:	> 20 cm
Behaviour in paint drying ovens: (1.5 h at 60°C)	no running (after complete drying)
Corrosion resistance:	
salt spray test to DIN 50021: (35°C, salt solution 5 %, 240 hrs)	no corrosion
Dry film thickness:	50 µm
Volume resistivity:	5.5x10 <sup>10</sup> Ωcm
Application temperature:	15°C to 25°C
In service temperature range:	-40°C to 90°C
Short exposure (up to 1 h):	100°C

## Application

### 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 labelling, the relevant precautions should always be observed.

### Preparation

Any items of trim and covers should be removed. Any rust should be removed as far as possible. To spray awkward areas (e.g. semi-hollow zones in doors etc.), the special spray head with the spray tube is removed from the cap. The existing spray head is withdrawn from the can and the spray head with the tube put in its place.

The material should be at room temperature when used. If stored for long periods and if the material is at a temperature below 10°C, the material becomes more thixotropic. Therefore the can should be shaken vigorously before use until the ball-bearing becomes audible.

### Spraying

The body parts (which should be free from dust and grease) should be sprayed evenly, with the can held upright during spraying. When using the spray tube, this can be moved slowly in circles whilst spraying so that all directions are covered. The spray head with the circular jet nozzle enables fine and even coating of areas, e.g. on the vehicle underbody, resulting in an excellent appearance. Slightly spraying rubber and plastic parts makes these look clearly fresher.

### Cleaning

Any escaping Cavity Spray can be wiped off easily. Cleaner-FL is suitable for cleaning partially dried material. Any splashes onto painted surfaces should be removed immediately.

### Note:

As Cavity Spray contains a combustible propellant gas, care should be taken to allow good air access before closing the cavity off (e.g. door trim); ventilate the vehicle well during drying process. Depending on the cavity to be treated the drying period can last up to several days.

## Storage

Frost-sensitive	yes (material thickens)
Recommended storage temp.	15°C to 25°C, thickens considerably at low temperatures and must be brought up to working temperature before use ( <b>never heat above 50°C!</b> )
Shelf-life	18 months

## Packaging

Aerosol Can	500 ml	Art.-No. 155.71 A (D/GB/F/NL)
-------------	--------	-------------------------------

## 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.**



Germany:

Henkel Teroson GmbH  
D-69112 Heidelberg  
Telefon (06221) 704-0  
Telefax (06221) 704-698  
Telex 461 428-10