

# S.21 Zinc Spray

## Rust protection

### :: DESCRIPTION

- Rust protection spray
- Temperature resistant up to over 400°C

### :: AREA OF APPLICATION

- Rust protection for the body interior in spot welding
- Cold galvanizing of metal surfaces

### :: PRODUCT DATA

#### MATERIAL DATA


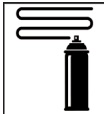
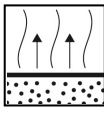
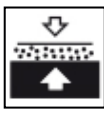


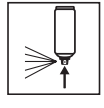
Colour:	dark grey
V.O.C.:	2004/42/IIIB(e)(840) < 840 g/l
DIN standard 50976:	Zinc content in dry form: 91%
DIN EN ISO 9227:	Salt spray mist test
DIN EN ISO 2409:	Cross cut test class GT-0
DIN standard 53150:	Drying test
Storage life:	60 months in closed original container at 20°C

### :: HANDLING

Especially suitable for all parts that should not be coated, e.g. parts in the engine compartment, exhaust pipes, welds, galvanized parts and the inside of the car body.

No pre-treatment with primers necessary. No further post-treatment with top coats and clear coats possible.

The areas to be treated must be finely sanded, free from rust, cleaned with silicone remover and free from dust.

MIXING RATIO			
	<b>Shaking up</b>	Shake until the ball becomes audible and then continue shaking for at least 3 minutes	
APPLICATION			
	<b>Application</b>	Several thin coats	
	<b>Flash off</b>	5 - 10 minutes	
	<b>Dry film thickness</b>	approx. 40 - 50 µm	
	<b>Process conditions</b>	Temperature 18 - 25°C relative air humidity 40 - 50%	
PROCESSING			
	<b>Object temperature</b>	<b>20°C</b>	<b>60°C</b>
	<b>Dust dry</b> <b>Dry to touch</b>	10 - 15 min. 30 min.	
	Overpaintable with itself		
	<b>Empty the valve</b>	After painting, turn the can upside down and spray the valve until empty	

## :: STORAGE AND TRANSPORT CONDITIONS

Protect from freezing, heat, sunlight and moisture. Store tightly closed in a dry, cool place. Recommended storage and transportation temperature range is: +18 to +25°C. Avoid extreme temperature fluctuation.

**Note:** The storage and transportation temperature must be not lower than +5°C. Acclimatize the product to room temperature naturally.

2004/42/IIB (e)(840) <840: The EU limit value for this product (product category: IB.e) in ready to use form is max. 840 g/litre of VOC.

## :: REMARKS

Allow the product to reach the recommended application temperature naturally (avoid rapid heating/cooling). It is not recommended to apply the product at a temperature below 18°C. Low application temperature changes the coating's properties and may impair the visual effect. Prior to application, the product temperature, spray booth temperature and object temperature should be adjusted to about 20°C.

## :: SAFETY ISSUES

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions.

In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

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