

SISTEC – ST 045AS

Antibacterial clearcoat based on synthetic resin in aerosol filling

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PRODUCT NAME

SISTEC ST 045AS antibacterial clearcoat

PRODUCT DESCRIPTION

SISTEC ST 045AS is a fast drying, weather-resistant, single-component clearcoat based on synthetic resin, which is very easy to handle by its aerosol bottling.

USAGE

- Excellent for the rapid coating of metal and wood surfaces.
- Elimination and prevention of bacterial growth in hygiene-sensitive areas such as hospitals, nursing homes, kindergartens, schools, transportation, kitchens, public buildings, swimming pools, food and pharmaceutical production, eg for metal handles.

SPECIAL FEATURES

- Strong antibacterial effect due to the highly effective micro silver additive.
- The antibacterial effect remains for the lifetime of the coating.
- Also eliminates odors caused by bacteria.
- Proven effective against resistant bacteria such as MRSA, E-Coli, EHEC etc.

TECHNICAL DATA

Physical state	liquid
Colour	colourless
Odor	benzine-like
Density (kg/l; 20°C)	0,92 ± 0,05

Viscosity (s/DIN) 23-25

Solids content 24,1%

Theoretical material consumption 90g/m²

Recommended film thickness 20 µm DFT

Stability 6 months

DRYING / DRYING TIME

Dust dry: 30 min.

Touch dry: 60 min.

Completely cured: 4 – 6 hours

All indicated drying times refer to a room temperature of 20 ° C and adequate ventilation. Higher temperatures lead to an acceleration, lower temperatures delay the drying.

APPLICATION DETAILS

- Shake aerosol can very well (min. 5 min.) to ensure a homogeneous distribution of the antibacterial micro silver particles.

The substrate must be clean, dry and free of grease.

Apply a thin layer.

Please perform a test coating under practical conditions on original substrates.

The material to be processed at 15-35 ° C, the object temperature must not be below 15 ° C.

Alternating processing parameters such as humidity, temperature, etc. may affect the appearance.

Information from the safety data sheet!

PACK SIZES

Aerosol can 400 ml

Other pack sizes on request.

STORAGE AND STABILITY

Storage stability in original unopened container:
24 months min.

Recommended storage temperature:
+ 5 ° C and + 25 ° C

Requirements for storage rooms:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original containers. Keep away from heat. No Smoking.

HEALTH AND SECURITY

Notes for safe handling:

Avoid contact with eyes and skin. Do not breathe vapors or spray mist. Do not use in areas without adequate ventilation.

Information about fire and explosion protection

Vapors are heavier than air and may spread along floors. Fumes can - combined with air - form to an explosive mixture. Keep away from heat and ignition sources. Do not smoke. Electrical equipment should be protected to the appropriate standard. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

Please refer to the corresponding safety data sheets and product labels, the comprehensive advice on health, safety and environmental protection.

NOTE

This technical data sheet is the result of careful testing and is advising our clients.

The information contained herein is based on our best knowledge. Since the correct application, however, is beyond our influence, we cannot assume any liability for the perfect quality of the products supplied by us at the time of delivery. Changes to this product on the basis of new findings, we reserve at any time.