



Product Data

CLEAR COAT SPRAY

CHARACTERISTICS

- A medium-hard methylphenyl silicone resin with excellent anti-corrosive heat resistant, weather resistant and UV resistant properties.

FEATURES

- Ultra long life when exposed to direct sunlight.
- Excellent corrosion resistance.
- Heat resistant up to 400°C +
- Can be applied to plastic, wood, metal and ceramic surfaces.
- Restore old faded paint.
- Waterproofs porous ceramics such as tiles and bricks.
- Seals and waterproofs paper inkjet prints and other documents.
- Prevents tarnishing of polished metal surfaces such as copper and brass.
- Conformal coating for electronic circuit boards.
- Salt water resistant.
- Excellent dielectric strength.

APPLICATIONS

There are too many and varied uses for this product for us to list.

Typical suggestions are:

- Top coat over paint to give gloss finish.
- Preserve ink jet prints and water proof them.
- All electronic circularity.
- All bright metal or painted finishes.
- Grease proof coating for printed documents.
- Protects electronic circuit boards from moisture and corrosion in hostile manufacturing environments where components are exposed to corrosive gasses and high solvency fumes.
- This translucent protective coating can be soldered through and repaired.
- Masonry e.g. window sills high gloss and water wipe cleaning.
- Water proof coating.
- Restores old faded paint.
- Ultra long life when exposed to direct sunlight.
- Waterproofs porous ceramics such as tiles and bricks.

PRODUCT DATA

Appearance		clear colourless to straw yellow
Binder content	1 g/1h/200°C (%)	50 ± 1
Iodine colour scale	DIN 6162	max.1
Specific gravity		
at 25°C	DIN 51757 (g/ml)	1
Viscosity at 25°C	DIN 51562-1 (mm ² /s)	160± 25
Flash point	DIN 53 213 (°C)	25
Ignition temp	DIN 51794 (°C)	485

COMPOSITION

Methylphenyl silicone resin

Solvent

Gas propellant

HOW TO USE

Clear Coat adheres well to degreased surfaces.

Heavily rusted metal should be sand blasted before application.

The optimum wet film coating is 50 microns. This can be achieved by two coatings. Only one coating is necessary for indoor use. The film dries to form a tack free finish at room temperature and will also benefit from curing at high temperature.

Complete curing enhances optimum performance in mechanical properties and chemical resistance to solvents such as oil and petrol.

Curing temperatures are 1 hour @ 200°C, or 30 minutes @ 250°C

Catalyst is available from our technical department for bulk application to products and equipment that cannot be stoved.

PACKING

400ml	aerosol	1-700 1300
5 kg		1-700 1305
20kg		1-700 1307

STORAGE

Clear Coat has a shelf life of six months from date of packing in bulk form. The aerosol's shelf life is 2 years. Care must be taken with the aerosol to invert the can and spray the dip tube and actuator nozzle clear to prevent clogging and to prepare the can for the next application.

Store in a cool dry place free from acid fumes and other gasses and solvents.

Pay attention to the standard aerosol warning and refer to the M.S.D.S for complete safe use instructions.