

Elecpro Spray

High gloss fast drying flexible acrylic conformal coating

Product description

Protective coating based on polymers

Applications

Insulation and protection of all electrical, electronic and high-tech equipment of: general electronics, printed circuit boards, thick film circuits, high voltage transformers, electrical motor coils, cables, wires; for moisture proofing and corrosion prevention of any industrial, automotive, aviation, marine and military electrical & electronic hardware.

Features & benefits

- Protects against rust, corrosion, tarnish, oxidation, moisture and weathering influences
- Provides a high-gloss, clear protective finish that remains transparent and does not fade or become yellow
- Provides a protective and insulating film that shields printed circuit boards from electrical leakage and short circuits
- Prevents sparking and corona discharges
- Non-conductive and has good dielectric properties
- Excellent resistance to weak acids & alkalis, water, oils and chemical fumes
- Easily solderable and very convenient for onsite repair jobs
- Conforms to requirements of specifications MIL-I-46058C
- RoHS compliant

How to use - Aerosol

Shake can vigorously for at least one minute after bearing noise from inside the can is audible. Mask and protect areas not to be coated. Hold can 12-15 inches away from surface to be coated and spray in steady, even strokes. For best results, two light coats are better than one heavy coat. Coating becomes dry to touch in about 15-20 minutes. Complete cure takes place in about 24 hours depending upon the relative humidity. Clean the valve by inverting the can and spraying a few short bursts till only the clear propellant comes out. Clean the actuator button orifice by means of a thin, fine wire.

How to use - Bulk

Mask and protect areas not to be coated. Apply steady even strokes by means of brush. Component to be coated can also be dipped into the coating. For best results, two light coats are better than one heavy coat. Coating becomes dry to touch in about 15-20 minutes. Complete cure takes place in about 24 hours depending upon the relative humidity.

Caution

Contains flammable propellant and solvents. Do not spray near naked flame, hot surfaces or energized equipment. Use with adequate ventilation.

Test	Unit	Result
Appearance		Hydrocarbon gas propelled liquid
Description		Conformal coating
Colour		Clear
Odor		Solvent
Film type		Dry
Specific gravity concentrate	g/cm ³	0.74-0.77
ISO VG grade		N/A
Evaporation rate		N/A
Plastic safe		Yes
Service temperature range	°C	-65 to +130
Flash point	°C	-25°C (closed cup) aerosol
Flammability class		Extremely flammable
Film thickness	µm	10-15
Dry time, full dry	h	24
Dry time, tack free	m	5-10
Recoat	h	30
Method of removal		N/A
Dielectric constant		2.5 at 100KHz
Dielectric factor		25 kV/mm
Dissipation factor		1.7 x 10 ⁻² at 100 kHz
Solubility in water		No
Coverage	m ² /can	2-4
Propellant		Hydrocarbon

N/A: not applicable

General

Use in well-ventilated areas. Avoid continuous breathing of vapor and spray mist. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards.

Manufactured by:
ASV Multichemie Private Limited
E 14, Additional MIDC, Patalganga
Panvel-410 220 INDIA



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Disposal

All used and unused product should be disposed of in accordance with state regulations.

Limited warranty

Product manufactured is for industrial use only. The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended ASV product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.

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