

DESCRIPTION :

Aerolub Gloss Coat Acrylic CLR 451 Spray is fast drying transparent acrylic conformal coating designed primarily to protect printed circuit boards and electrical / electronic equipment against high voltage arcing, corona shorts, corrosion, ingress of moisture and fungus. It resists rust, tarnish, corrosion, moisture and has excellent waterproofing / weatherproofing abilities.

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.

PROPERTIES:

Appearance	Clear Colorless
Specific gravity	0.90±0.02 g/cc
NVM%	20±02%
Flammability	Extremely Flammable
Operating Temperature Range	32°F to 122°F (0°C to 50°C)
Temperature Range	14°F to 250°F (-10°C to 120°C)
Dielectric strength	1200 v/ml (ASTM D 149)
Drying Schedule@30°C/86° F	
To touch	5 min
To handle	10 min
To recoat	5 min
Full cure	24 hrs.
Flash Point	0°F(-18°C)
Propellant	Propane/Butane
Solubility	Insoluble in Water

BENEFITS :

- Protects against rust, corrosion, tarnish, oxidation, moisture and weathering influences.
- Provides a high-gloss, clear protective finish that remains transparent.
- Provides a protective and insulating film that shields printed circuit boards from electrical leakage and short circuits.
- Non-conductive and has good dielectric properties.
- Excellent resistance to weak acids & alkalis, water, oils and chemical fumes.

Available Packaging : 100ml, 250ml, 400ml aerosol spray.

Shelf Life : 24 months from date of manufacture in sealed condition.

HOW TO USE :

- Never use on energized equipment or hot surfaces.
- Clean surface using Aerolub contact cleaner spray. Surfaces must be dry and free of dust, dirt, oil, grease, wax and other contaminants that would adversely affect paint adhesion.
- Before spraying, shake can vigorously for at least 1 minute after agitator ball is heard and intermittently thereafter.
- Hold can 12 to 14 inches from surface to be coated, and press spray head firmly. Use steady, even strokes while spraying, making sure to keep spraying hand in motion.
- For PCB'S apply 2 coats and for dials & gauges or wherever heavier duty protection desired apply 3-4 coats.
- To prevent clogging, turn can upside down and spray for approximately three seconds to clear varnish in valve

Caution : Contents under pressure. Do not puncture, pierce, or incinerate the container, even after use. Protect from sunlight and store away from heat and sources of ignition. Do not use it on energized equipment or on live circuits. Do not expose to temperatures exceeding 50°C (120°F). Use only in well-ventilated areas. As this can conduct electricity, prevent the risk of electrical shock by keeping away from all live electrical connections and sources of electricity. Do not breathe vapors or spray mist. Harmful by inhalation and avoid contact with skin and eyes. In case of eye contact, flush your eyes with water and contact a physician. If swallowed, may be harmful or fatal. DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY. KEEP OUT OF REACH OF CHILDREN.

General : Use in well-ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, and short and long-term exposure, refer to this product's safety data sheet (SDS). Dispose as industrial waste only in accordance with governing regulations. For proper disposal, empty aerosol can be completely.

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, safety, short and long-term exposure, and physical and health hazards and is available from Aerolub or your local Aerolub distributor or contact care@aerolubspecialities.com.

Limited Warranty : The information and data contained in this sheet are accurate to the best of our knowledge or are obtained from sources, tests, or experiences believed by us to be reliable and accurate. User ® is responsible for determining whether the recommended Aerolub 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 is offered without warranty.

AEROLUB SPECIALITIES INDIA PVT. LTD.

Works : Plot no. 3543-1, Phase - 4, GIDC,
Chhatral - 382729, Gujarat, India.

Email : aerolubspecialities@gmail.com

Website : www.aerolubspecialities.com