

PLASTIC

Acrylic varnish as an insulating coating

KEY FEATURES

- Insulating varnish based on an acrylic resin (methacrylate copolymer)
- Temperature resistance: from -45 °C to +140 °C, up to +200 °C for short periods
- Silicone-free, flexible, very good adhesion
- Perfect insulation in warm and humid environments: 500 h at 95% humidity, air temperature +55 °C
- Salt spray test: 192 h in saturated atmosphere
- Antifungal, does not yellow, does not flake
- Transparent, contains a UV tracer (fluorescent dye visible under UV light) – allows easy control of layer uniformity
- Dielectric strength: 100 kV/mm
- Surface Resistance: 9×10^{12} Ohm
- Hardness (Persoz pendulum): 161 seconds
- Dielectric constant at 100 Hz: 2.9
- Weldable protective film – enables quick touch-ups on printed circuit boards without prior cleaning

AREAS OF APPLICATION

- Electronic Assemblies
- Printed Circuit Boards
- Components

HOW TO USE

- Clean the PCB Degrease
- Protect the contacts from spraying, as the PLASTIC has an insulating effect
- Shake aerosol well
- Start spraying by moving the aerosol with the nozzle facing upwards at a distance of 15 to 25 cm from the surface
- Spray in slightly overlapping lanes and never keep the can still to avoid dripping
- Alternate movements, from left to right and top to bottom, for good coverage
- Use thin, repeated layers instead of a thick, gradient layer
- Wait 15 to 20 minutes between shifts; 3 layers are recommended for good protection
- After use, turn the can over and press the spray head to clean the entire nozzle
- Full drying: 24 hours
- Accelerated drying in the oven possible

PHYSICOCHEMICAL PROPERTIES

- Physical state: Liquid
- Color: Colorless
- Flash point: < 0 °C
- Boiling point: < 0 °C
- Odor: Organic solvent
- Water Solubility: Insoluble
- Solubility: Soluble in most organic solvents
- Density: 0.914 g/cm³

PACK SIZE

Aerosol 650/400 ml x 12

Part number: **807361**

EAN-Code 13: 3429978073613

STORAGE

Container is pressurized: Can explode if heated. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not puncture or burn – even after use. Protect from sunlight. Do not expose to temperature above 50°C / 122°F.

This technical data sheet was created on 20.06.25 and replaces all previous editions. The information provided is based on our current knowledge and experience. We draw the user's attention to possible risks if the product is used for purposes other than those intended. This document does not relieve the user of the obligation to know and comply with all the regulations applicable to his activity. The responsibility for all precautions taken in connection with the use of the product lies solely with the user.

