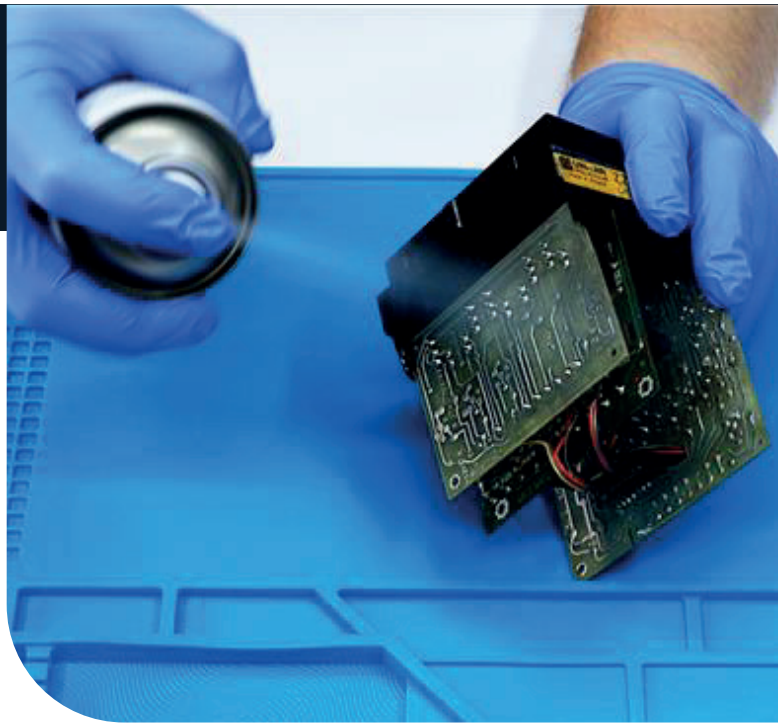
TermoPasty®

TECHNICAL DATA SHEET

PVB varnish 16



This premium product is designed to effectively protect printed circuit boards (PCBs) and electronic components. Its advanced formula provides exceptional defense against moisture, oxidation, and contamination, with a drying time of just 10-15 minutes. The coating creates a durable layer that prevents stray currents, enhancing the safety and reliability of electronic devices. This product has undergone rigorous testing in accordance with IPC-CC-830B, IPC-TM-650, PN-88/E-04405, and PN-EN 60243-1,-2 standards, confirming its superior quality and reliability.

Product features:

- effective protection against moisture, oxidation, and chemical contamination,
- insulating properties that prevent stray currents and short circuits,
- allows soldering through the protective coating,
- fast drying time,
- transparent coating layer,
- available in various application forms.

Application:

- Printed Circuit Boards (PCBs),
- transformers,
- motor and cable coils,
- electronic components used in automotive, energy, and electromechanical industries.



Physicochemical properties	
Appearance	Cloudy liquid
Odour	Characteristic
Density at 20°C	~0.80 g/cm^3
Viscosity at 20°C	~21 cP
Drying time	10-15 min
Operating temperature range	-50°C to 150°C
Application temperature range	-40°C to 60°C
Flash point	380°C
Volume resistivity	~4,0*10^{14} Ω*m
Surface resistivity	~3,1*10^{14} Ω
Dielectric strength	~92,0 kV/mm
Shelf life	3 years

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Compatibility:

PVB Varnish 16 is suitable for a wide range of protective applications, including PCB boards, transformers, and electric motors. The product can be safely applied to most electronic components, providing protection against external factors and enhancing their durability.

Application method	
Aerosol	Yes
Spray application	Yes

Usage instructions:

Restricted to professional users. Read SDS carefully prior to use.

Whether you choose the liquid or aerosol version, always ensure that the PCB surface is clean and dry before application. Apply the varnish directly to the surface using the spray method (for liquid) or aerosol spray for even coverage. The aerosol version is equipped with a 360° valve, allowing for application in any direction, including hard-to-reach areas. Allow 10-15 minutes for drying to achieve complete protection.

Approximate Coverage	
100 ml	approx. 0.8 m^2
400 ml	approx. 3.2 m^2
5 l	approx. 40 m^2

Package	
Aerosol	100 ml (ART.AGT-232) - 12 pcs.* 400 ml (ART.AGT-115) - 12 pcs.*
Canister	5 l (ART.AGT-321) - 1 pcs.*

*Quantity of pcs. in a bulk packag

Storage:

Keep away from heat sources, hot surfaces, sparks, open flames, and other ignition sources. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Technical support:

AG TermoPasty provides technical support, answering questions about the technical specifications and applications of our products. Please contact us via email at info@termopasty.pl.

Note:

The data presented in this document reflect our current state of knowledge and describe the typical properties and applications of the product. However, the responsibility for determining the suitability of this product for specific applications lies with the user. AG TermoPasty is not liable for the results of the product's use, as the conditions of its application are beyond our control.