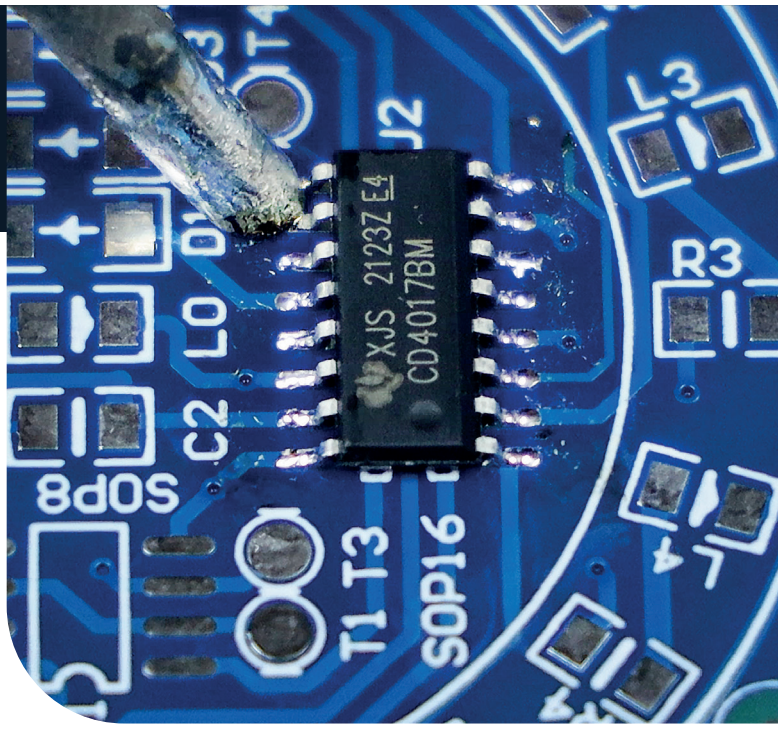
TermoPasty®

TECHNICAL DATA SHEET

Flux RF800



An indispensable solution for precise SMD soldering tasks. With exceptional wetting properties for copper (Cu) and tin-lead (PbSn) surfaces, this product ensures reliable connections and superior solder quality. Developed using a moderately active rosin-based formula, it eliminates the need for cleaning after use, making it an ideal choice for both professionals and electronics enthusiasts.

Product features:

- moderately active formula,
- fast action,
- high efficiency,
- excellent surface wetting capabilities,
- compliant with J-STD-004 ROL0 standard,
- No Clean - no cleaning required after soldering.

Application:

- soldering SMD components,
- Tinning wire ends,
- soldering passivated surfaces,
- mixed assembly in professional and consumer electronics,
- wetting of copper (Cu) and tin-lead (PbSn) surfaces.

Physicochemical properties	
Appearance	Amber liquid
Density at 20°C	0.80 g/cm³
Viscosity at 20°C	15.8 cP
Acid value	18.5 mg KOH/g
pH (5% aqueous solution)	3.4
Solubility in water	Insoluble
Boiling point	82°C
Autoignition temperature	425°C
Flash point	Closed cup: 12°C
Solid content	4%
Shelf life	3 years

AG TermoPasty Grzegorz Gąsowski ul. Kolejowa 33 E, 18-218 Sokoły,
tel. +48 86 274 13 42, info@termopasty.pl, www.termopasty.com

sales@prom-elec.com / ООО ПРОМЭЛЕКТРОНИКА

Compatibility:

Flux RF800 is chemically neutral towards most electronic and metallic materials, ensuring safe use in a wide range of applications. Its formula minimizes corrosion risks and ensures solder durability.

Application Methods	
Applicator	Yes
Bottle	Yes
Brush	Yes
Flux foam	Yes
Spraying with flux	Yes
Dipping in flux	Yes

Usage instructions:

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

Before use, ensure that the soldering surface is clean. Apply the flux to the soldering area. Proceed with the soldering process using the appropriate tip temperature. After soldering, cleaning is not required — the No-Clean formula ensures clean and durable connections.

Packaging	
Bottle with applicator	15 ml (ART.AGT-042) - 20 pcs.*
Bottle with brush	50 ml (ART.AGT-248) - 8 pcs.* 100 ml (ART.AGT-109) - 8 pcs.*
Bottle	1 l (ART.AGT-043) - 4 pcs.*

*Quantity of pcs. in a bulk packag

Storage:

Store within the following temperature range: 5 to 30°C (41 to 86°F). Store in accordance with local regulations. Keep in a designated and approved area. Store in the original packaging, away from sunlight, in a dry, cool, and well-ventilated place; away from incompatible materials, beverages, and food. Keep tightly closed. Eliminate all sources of ignition. Store separately from oxidizers. The container should remain sealed and secure until use. Containers that have been opened must be resealed and stored upright to prevent substance leakage. Do not store in unlabelled containers. Use appropriate containers to prevent environmental contamination.

Technical support:

AG TermoPasty provides technical support and answers questions regarding the technical specifications and applications of its products. Contact us 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.