

ALPHA[®] 2577

RMA Flux

DESCRIPTION

ALPHA 2577 is a homogeneous solution of thermal stabilized rosin in high-boiling alcohol with additions of a very mild but effective activator system. **ALPHA 2577** flux classification is RMA per QQ-S-571.

ALPHA 2577 is a mildly activated flux but is more effective than pure rosin fluxes and provides very good soldering results. Because of its high solid content and thermal stability **ALPHA 2577** is particularly suited for soldering thick film substrates. Residues are non-hygroscopic and non-conductive.

A lower viscosity version of this product is available as ALPHA 2577EP.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

APPLICATION GUIDELINES

ALPHA 2577 is specially designed for thick film application but is also effective in other soldering processes.

Control: The density of the flux has been optimally set and generally does not need to be adjusted. However, should thinning be required, we recommend using ALPHA 2577VP Thinner.

Residue Removal: If cleaning is required, flux residues can easily be removed by using ALPHA 2100 Cleaner.

TECHNICAL DATA

Item	Typical Values	Item	Typical Values
Appearance	Amber liquid	Flash Point (°C)	101
Solids Content, wt/wt (%)	65.2	Boiling Point (°C)	221
Specific Gravity @ 25 °C (77 °F) (g/cm ³)	1.063 ± 0.020	Water Extract Resistivity (Ω/cm)	147.000
Acid Number (mg KOH/g)	105.00 ± 5.00	Shelf Life (from Date of Mfg.)	360 days
Viscosity (cps)	1750 ± 250	Packaging Size	25 liters

RECYCLING SERVICES

We provide safe and efficient recycling services to help companies meet their environmental and legislative requirements and at the same time, maximize the value of their waste streams.

Our service collects solder dross, solder scrap, and various forms of solder paste waste. Please contact your local sales representative for recycling capabilities in your area or [link here](#).



SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available at MacDermidAlpha.com/assembly-solutions/knowledge-base.**

CONTACT INFORMATION

To confirm this document is the most recent version, please contact
Assembly@MacDermidAlpha.com
www.macdermidalpha.com

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE. Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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