

SMFL/SMF

Surface Mount Rework Flux

DESCRIPTION

SMFL is a quick drying, mildly activated (RMA-type), no-clean flux in aerosol form for use when removing and replacing surface mount components. The aerosol is fitted with a wide angle actuator to give a protective film and an extension tube actuator for pinpoint application. Particularly recommended for precision products e.g., telecommunications or professional computers where a high degree of reliability is required.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

FEATURES AND BENEFITS

- Available in CO₂ propelled aerosol and pen type dispensers
- Zero halide content; no cleaning of residues is required
- Passes copper plate and copper mirror corrosion (residue) test
- For use with hot air, hot gas or conventional soldering techniques; excellent solderability

PRODUCT INFORMATION

For available packaging sizes please visit:

electrolube.com

PHYSICAL PROPERTIES

Category	Results
Typical Properties	
Flux Type	Mildly activated resin (RMA)
Color	Pale Straw
Flash Point (°C)	12
Drying Times	5 to 10 minutes at room temperature
Halide Content	0
Non-Volatile Content	18%

APPLICATION GUIDELINES

Application of SMFL to solder joints will aid reflow when heating to remove components. After removing components excess solder should be removed from solder pads using our desolder braid aided by the application of SMFL.

SMFL should be applied to solder pads for placement of new components, with hot air or hot gas, or using conventional solder and iron.

SMFL can also be used as an anti-tarnish, protective film on bare copper or tinned tracks providing excellent solderability for up to six months.

ADDITIONAL INFORMATION

Shelf Life

Description	Shelf Life
Pen	24 Months
Aerosol	36 Months

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.**

CONTACT INFORMATION

To confirm this document is the most recent version, please contact

TechnicalSupportTeam@hkw.co.uk

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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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