



Description

MC002009 is a product designed for the rapid and safe cooling of small components, particularly in electrical and electronic equipment. Contains non-flammable and non-corrosive refrigerant; which rapidly cools down to below -48°C. Contains extension tube which aids access to concealed components.

Typical Properties

Form	: Colourless Gas
Density	: 1.17 (g/ml)
Flashpoint (°C)	: None
Boiling Point	: -19°C
Ozone Depleting Potential	: Zero
GWP (rev 5th IPCC)	: <1
Packaging	: 400ml Aerosol

Directions for Use

When the equipment is switched on, spray 'dry' joints in the circuit with the end of the extension tube approximately 2.5cm from the joint. Continue spraying for a few seconds until a layer of 'frost' appears on the joint. The fault condition will disappear when the 'dry' joint is frozen but will return as the temperature of the joint returns to normal ambient.

The component which 'defrosts' the most rapidly is the component which is overheating or faulty. If a component needs to be cooled for a length of time, plastic foam should be wrapped around the component and saturated with MC002009. If the foam is periodically re-saturated the temperature of the component may be held below 0°C as long as required.

To determine fractured copper tracks on PCBs, spray over the suspected area and the fracture will appear as the copper tracks contract and part.

Part Number Table

Description	Part Number
Freezer Spray, Aerosol, 400ml	MC002009

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of Premier Farnell Limited 2019.