



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Anti-Static Freezer Product# 1747

Product Description

Rapidly evaporating liquid that super-chills isolated areas. Used as a troubleshooting aid for intermittently faulting capacitors, resistors, semiconductors, and other defective components. It also increases visibility of cold solder joints, cracks in printed circuit boards and oxidized junctions. Contains additive that avoids static build-up, critical when working with ESD-sensitive components.

Features / Benefits

- Avoids static build-up
- Nonflammable
- Non-ozone depleting
- Moisture free
- Zero residue
- Safe on plastics
- Chills down to -60°F (-51°C)

Applications

- Cool Equipment for Testing
- Dissipate Heat While Soldering or Desoldering
- Isolate Thermal Intermittent Components
- Test Circuit Traces for Continuity
- Test Printed Circuit Boards for Stress Fractures
- Track Intermittent Failures and Shorts

Product Description

Always be sure that sprayhead is aimed at surface to be chilled. Allow components to heat up to normal operating temperature or until intermittent fault occurs. Spray suspected components until chilled. Product will freeze small areas. Due to the colder temperature and the more aggressive nature of the product, it is possible that prolonged spraying may cause blistering of some conformal coating or deterioration of some plastics. Always test on a inconspicuous area before using. Can crack ceramics and other temperature sensitive components.



Typical Product Data and Physical Properties

Physical state:	Gas (aerosol)
Color:	Clear, colorless
Odor:	Ethereal, faint odor
Boiling/condensation point:	-26.2°C (-15.2°F)
Melting/freezing point:	-101°C (-149.8°F)
Vapor density:	3.5 [Air=1]
Volatility:	100% (w/w)
VOC – EPA	0%
CARB	Exempt
Shelf life:	5 years

Chemical Composition

Chemical Name	CAS#
1,1,1,2-Tetrafluoroethane (aerosol)	811-97-2
Methanol	67-56-1

Anti-Static Freezer Product# 1747

Material Compatibility

Buna-N:	Fair
Graphite:	Good
HDPE:	Good
LDPE:	Good
Lexan:	Poor
Neoprene:	Good
Cross-Linked PE:	Good
Polyacrylate:	Poor
Polystyrene:	Good
PVC:	Good
Silicone Rubber:	Fair
Teflon:	Good
Viton:	Poor

Packaging and Availability

1747-10S 10 oz. Aerosol

Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Resources

Techspray® products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray® be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.