

# Richard Foot Pty Ltd

## MATERIAL SAFETY DATA SHEET

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### PRODUCT: RF FREEZER SPRAY

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#### PRODUCTION IDENTIFICATION

Trade Name:  
Other Name:

UN No: 1950  
Dangerous Goods Class: 2  
Non Flammable, Non Toxic Gas  
Subsidiary Risk:  
Hazchem Code: 2Y  
Poisons Schedule: 3

Manufacturers Code: Aerosol – 60.0059

**Not Classified as Hazardous according to criteria of Worksafe Australia**

#### Use

Refrigerants in an aerosol container for fault finding thermally sensitive electronic assemblies and testing thermostats.

Packaged in 250gm (250ml) aerosol containers - Apply from aerosol.

#### Physical Description/Properties

Colourless clear liquefied gas with a faint ethereal odour.

Flash Point: None

Auto Ignition Temp: Not Applicable

Flammable Limits in Air: None

Vapour Pressure @ 20 Deg C, kPa: 570 kPa

Specific Gravity: 1.27

#### Ingredients

Chemical Entity	CAS NO.	Proportions %
1,1,1,2-Tetrafluorethane	[811-97-2]	High > 60%

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#### Richard Foot Pty Ltd

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### HEALTH HAZARD INFORMATION

#### Health Effects

##### Acute

- Swallowed: Extremely unlikely; under ambient conditions the product in any open vessel is a boiling liquid. Any contact of human tissue with the boiling liquid will produce frostbite.
- Eye: Vapour may be irritating to eyes. Any contact of boiling liquid with eyes will result in frostbite.
- Skin: Will cause drying and cracking skin and frost bite.
- Inhaled: The vapour of this product is denser than air and may reduce the availability of oxygen in confined spaces. The symptoms likely to be experienced upon inhalation of the vapour include narcosis, anesthesia and respiratory depression, unconsciousness and possible asphyxiation. In addition, inhalation may lead to cardiac arrhythmia's (irregular heartbeat) in susceptible individuals.

#### First Aid

- Swallowed: Give copious amounts of fluid, seek medical attention.
- Eye: In case of frostbite: Rinse with plenty of water and seek medical advice.
- Skin: In cases of frostbite: DO NOT REMOVE CLOTHES. Rinse skin with plenty of water. Treat frostbite as for the thermal burns. Seek medical advice.
- Inhaled: Move to fresh air, rest, half-upright position, loosen clothing. Give oxygen or artificial respiration if there is any difficulty in breathing. Apply external cardiac massage in case of cardiac arrest. Avoid the use of adrenalin.
- Advice to Doctor: Treat symptomatically.

### PRECAUTIONS FOR USE

#### Exposure Limits

No exposure limits have been set at this time.

#### Engineering Controls

Ensure that this product is used in a well-ventilated area.

#### Personal Protection

Not normally necessary

#### Flammability

This product is not flammable

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### SAFETY HANDLING INFORMATION

#### **Storage/Transport**

Store in a cool dry area

#### **Packaging/Labeling**

UN NO.1950

Class 2 Non-Flammable Non-Toxic gas

Sub Risk None Allocated

Hazchem Code 2Y

Pack Group N/A

Shipping Name Aerosols

#### **Spills and Disposal**

Dispose of in accordance with local rules and regulations.

### FIRE AND EXPLOSION HAZARD

#### **Fire/Explosion**

Contents of aerosol can are not flammable.

Substance decomposes in a flame or at a hot surface forming HCL and HF and traces of carbonyl halides.

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CONTACT: TECHNICAL MANAGER (02) 9979 8311

EMERGENCIES: (Mobile 0411 834 321)

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