



## 1. Substance / Preparation and Company name

Product Names: Radii-Cal and Radii Plus battery

Recommended use: Dental Curing Light.

### Manufacturer / Supplier

SDI Limited  
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## 2. Composition / Information on ingredients

Lithium ion batteries contained in equipment.

## 3. Hazard Identification

Potentially hazardous materials are sealed and contained in equipment. Equipment is packed in strong outer packaging to withstand normal handling and use. Exposure could occur if the equipment has been exposed to high temperatures (>60°C or 140°F), battery or cells have been opened, crushed, disassembled or burned.

## 4. First Aid Measures

In case of exposure to cell contents, cell manufacturers recommend that the affected area be washed with large amounts of water for at least 15 minutes. Seek medical attention

## 5. Fire Fighting Measures

Fires involving Lithium ion batteries contained in equipment should be flooded with water or use Carbon Dioxide, foam or dry chemical extinguishing media.

## 6. Accidental Release Measures

If batteries are damaged refer to disposal section of this document.



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## 7. Handling and storage

The packed battery should not be exposed to high temperatures (>60°C or 140°F), opened, crushed, disassembled or burned.

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## 8. Exposure controls and personal protection

No personal protection is required for the normal handling of the battery. If ingredients within the battery are leaking follow first aid section of this document.

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## 9. Physical and chemical properties

Properties such as pH, boiling point, flash points are not applicable as the batteries are solid articles.

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## 10. Stability and Reactivity

Stability:	Stable under normal conditions.
Reactivity:	Stable under normal conditions.
Conditions to avoid:	Exposed to high temperatures (>60°C or 140°F), opened, crushed, disassembled or burned battery.
Hazardous decomposition products:	None under normal conditions.

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## 11. Toxicological information

There are no known toxicological effects of batteries when handled under normal conditions.

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## 12. Ecological information

There are no known ecological effects of batteries when handled under normal conditions.

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## 13. Disposal considerations

Do not dispose in fire. Disposal should be made with consideration to recycling options available in your area. Contact local and state authorities for disposal.

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#### **14. Transport information**

Rechargeable lithium ion batteries used by SDI Limited comply with shipping regulations as per legal and industry standards:

Lithium ion batteries supplied by SDI Limited are less than 100 Watt-hours and meet the requirements for transport under:

International Civil Aviation Organization (ICAO) and the International Air Transport Association (IATA) Special Provision A45 as applicable. Effective January 1, 2009, Special Provision A45 will be replaced by packaging instructions 967 (UN 3481, batteries contained in equipment).

The Ralii Cal, Ralii Plus and battery sections are tested, packed and labeled in accordance with applicable requirements outlined in the above mentioned regulations.

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#### **15. Regulatory information**

This product is regulated by:

TGA  
Medical Devices Directive 93/42/EEC  
National regulations.  
FDA

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#### **16. Other information**

The information provided herein is given in good faith, but no warranty expressed or implied is made.

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**Department issuing MSDS:** Research and Development  
**Contact:** Operations Director

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