Product SAFETY DATA SHEET
This product is a manufactured article as described in 29 CFR 1910.1200 and is not subject to OSHA’s Hazard Communication Standard requirements for preparation of material safety data sheets (MSDS).

Preparation Date: May 29, 2007

Section 1 - Product Information

Product Identification: Lithium-Ion Rechargeable Cell

Trade name: Sonata

Chemical System: Lithium ion

Manufacturer:

<table>
<thead>
<tr>
<th>US Operations</th>
<th>China Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston-Power, Inc.</td>
<td>Boston-Power Battery (Shenzhen) Co., Ltd</td>
</tr>
<tr>
<td>2200 West Park Drive, Suite 320</td>
<td>Suite D, 23/F, Jinrun Bldg, Tairan 9th Rd.</td>
</tr>
<tr>
<td>Westborough, MA 01581-3961, USA</td>
<td>CheGongMiao, Futian District, Shenzhen 518040, China</td>
</tr>
<tr>
<td>Phone: +1.508.366.0885</td>
<td>Phone: +86.755.8272.0229</td>
</tr>
<tr>
<td><a href="http://www.boston-power.com">www.boston-power.com</a></td>
<td></td>
</tr>
</tbody>
</table>

Section 2 - Composition/Information on Ingredients

The chemical ingredients are contained in a sealed case designed to withstand temperatures and pressures encountered during normal use. The cell should not be opened, disassembled, crushed, burned, or exposed to high temperatures because exposure to the following materials could be harmful under some circumstances. The following information is provided for the user’s information only.

<table>
<thead>
<tr>
<th>Chemical Ingredients</th>
<th>Weight %</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transition Metal Oxide</td>
<td>20-50</td>
<td>Similar chemical properties to 12190-79-3</td>
</tr>
<tr>
<td>Similar chemical properties to Lithium cobalt dioxide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyvinylidene Fluoride (PVDF)</td>
<td>&lt;5</td>
<td>24937-79-9</td>
</tr>
<tr>
<td>Graphite</td>
<td>10-30</td>
<td>7782-42-5</td>
</tr>
<tr>
<td>Organic Electrolyte Solvent – Proprietary</td>
<td>10-20</td>
<td>Similar chemical properties to 96-49-1</td>
</tr>
<tr>
<td>Similar chemical properties to Ethylene carbonate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrolyte Salt – Lithium hexafluorophosphonate</td>
<td>1-3</td>
<td>21324-40-3</td>
</tr>
<tr>
<td>Aluminum, Nickel, Copper and inert materials</td>
<td>Remainder</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Section 3 – Health Hazard Data

Emergency Overview
May explode in a fire, which could release gases or solvents irritating to the skin and eyes. Use extinguishing media suitable for materials burning in fire.

Primary Routes of Entry – in the event that internal cell contents are released

<table>
<thead>
<tr>
<th>Entry Route</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Contact</td>
<td></td>
</tr>
<tr>
<td>Skin Absorption</td>
<td></td>
</tr>
<tr>
<td>Eye Contact</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td></td>
</tr>
</tbody>
</table>

Symptoms of exposure
The contents of the battery are contained within a sealed can and under routine handling and use and will have no effect.

Reported as carcinogen
Not applicable

Section 4 - First Aid Measures

IF EXPOSURE TO INTERNAL MATERIALS WITHIN CELL DUE TO DAMAGED OUTER CASING, THE FOLLOWING ACTIONS ARE RECOMMENDED;

**Inhalation**
Leave area immediately and seek medical attention.

**Eye contact**
Check for and remove any contact lenses. Rinse eyes with water for or normal saline 15 minutes and seek medical attention.

**Skin contact**
Remove contaminated clothes and shoes. Wash area thoroughly with soap and water and seek medical attention.
Ingestion
Wash mouth with water. Drink milk/water and induce vomiting; seek medical attention.

Section 5 - Fire Fighting Measures

General Hazard
Cell is not flammable. Combustion products include, but are not limited to hydrogen fluoride, carbon monoxide and carbon dioxide.

Extinguishing Media
Use extinguishing media suitable for the materials that are burning.

Special Firefighting Instructions
If possible, remove Cell from fire fighting area. If heated above 150 °C, Cell may explode.

Firefighting Equipment
Use NIOSH/MSHA approved full-face self-contained breathing apparatus (SCBA) with full protective gear.

Section 6 - Accidental Release Measures

On Land
Place material into suitable containers and call local fire/police department.

In Water
If possible, remove from water and call local fire/police department.

Section 7 - Handling and Storage

Handling
No special protective clothing required for handling an individual Cell.

Storage
Store in a cool, dry place.

Special Firefighting Instructions
If possible, remove Cell from fire fighting area. If heated above 150°C, Cell may explode.
Firefighting Equipment
Use NIOSH/MSHA approved full-face self-contained breathing apparatus (SCBA) with full protective gear.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls
Keep away from heat and open flame. Store in a cool dry place.

Personal Protection

Respirator
Not required during normal operations. SCBA required in the event of a fire.

Eye/face protection
Not required beyond safety practices of employer.

Gloves
Not required for handling of cells.

Foot protection
Steel toed shoes recommended for large container handling.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>N/A</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor density</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling point</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>N/A</td>
</tr>
<tr>
<td>Density</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Section 10 - Stability and Reactivity

Reactivity
None

Incompatibilities
None during normal operation. Avoid exposure to heat, open flame and corrosives.

Hazardous Decomposition Products
None during normal operating conditions. If cells are opened, hydrogen fluoride and carbon monoxide may be released.

Conditions To Avoid
Avoid exposure to heat and open flame. Do not puncture, crush or incinerate.

Section 11 - Toxicological Information
This product does not elicit toxicological properties during routine handling and use.

<table>
<thead>
<tr>
<th>Sensitization</th>
<th>Teratogenicity</th>
<th>Reproductive Toxicity</th>
<th>Acute Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>

If the cells are opened through misuse or damage, discard immediately. Internal components of cell are irritants and sensitizers.

Section 12 - Ecological Information
Some materials within the cell are bioaccumulative. Under normal conditions, these materials are contained and pose no risk to persons or the surrounding environment.

Section 13 - Disposal Considerations
California regulated debris

RCRA Waste Code : Nonregulated
Dispose of according to all federal, state, and local regulations.
Section 14 - Transport Information

DOT Hazard Class: Nonregulated

Section 15 - Regulatory Information

OSHA hazard communication standard (29 CFR 1910.1200)

__________ Hazardous  ✓  _________ Non-hazardous

Section 16 – Other Information

This product is designed for use by persons trained in the handling and use of lithium-ion cells and is not intended for individual sale. Under normal use this product poses no exposure risk. In the event that internal contents of lithium-ion cell are released due damage or severe heating, then precautions should be taken to avoid any exposure and properly trained safety personnel should be contacted for clean up and disposal.