

MSDS Product Name: McNair Li- Polymer Battery

MATERIAL SAFETY DATA SHEET

Date of Preparation: 30/ 3/2006

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: McNair Li- Polymer Rechargeable Battery

Model: Prismatic Type cells

Chemical System: Li- Polymer

Manufacturer/Supplier: McNair Technology Co., Ltd.

For other information or to request an MSDS, call (86) 769 83197555

ADD: Shuiping Industrial Estate, Dalang Town, Dongguan City, Guangdong Province,
P.R.China.

Tel: (86)769 83197555;

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Website: www.mcnair-tech.com

Email: pub@mcnair-tech.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Weight %	Component	CAS Registry No.	PEL	TLV
40	Lithium Cobaltate (LiCoO ₂)	12190- 79- 3	None Established	None Established
30	Graphite(C)	7782- 42- 5	2.5mg/m ² (as dust)	2.5mg/m ² (as dust)
10	Organic Solvent	not applicable	None Established	None Established
5	Lithium Salt	not applicable	None Established	None Established
5	Polyvinylidene Fluoride (PVDF)	24937- 79- 8	None Established	None Established
5	Aluminium Case	not applicable	None Established	None Established
5	Plastic	not applicable	None Established	None Established
0	Lithium	not applicable	None Established	None Established

Weight % listed is based on approximate percent of the average weight of the battery

The components in this section may only represent a hazard if the integrity of the battery is compromised. The aggregate lithium-equivalent content is not more than 4g.

The information and recommendation set forth are made in good faith and believed to be accurate as of the date of preparation. McNair Technology Co., Ltd makes nowarranty, expressed or implied, with respect to this information and disclaims all liabilities from reliance on it.

Steps to be Taken in Case Material is Released or Spilled:

The preferred response is to leave the area and allow the batteries to cool and the vapors to dissipate. Avoid skin and eye contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerate.

Waste Disposal Method:

Dispose in accordance with appropriate regulations. Open cells should be treated as hazardous waste.

Precautions to be Taken in Handling and storing:

Avoid mechanical or electrical abuse.

Other Precautions:

Batteries may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity.

8. Control Measure

Respiratory Protection (Specify Type): Not necessary under conditions of normal use.

Ventilation: Not necessary under conditions of normal use.

Protective Gloves: Not necessary under conditions of normal use.

Eye Protection: Not necessary under conditions of normal use.

Other Protective Clothing or Equipment: Not necessary under conditions of normal use.

9. Recycling and Disposal

McNair encourages batteries recycling. Li-Polymer batteries are safe for disposal in the normal municipal waste stream since they are not defined by the federal government as hazardous waste. However, Li-Polymer batteries are recyclable.

DO NOT INCINERATE or subject battery cells to temperatures in excess of 212°F. Such treatment can cause cell rupture.

10. Transportation

McNair Li-Polymer batteries comply with all applicable shipping regulations as prescribed by industry and legal standard which includes compliance with the UN Recommendation on the Transport of Dangerous Goods; IATA Dangerous Goods Regulations, 44th Edition, 2003, Special Provision A45, and applicable U.S. DOT regulations for the safe transport of Li-Polymer batteries. For more transportation information regarding this product call the McNair Worldwide Transportation Hot Line: (86) 769-3197555 between 8 a.m. and 5 p.m. (Eastern Standard Time), Monday through Friday.

End.

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