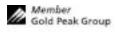


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IDENTITY (As Used on Label and List)	Note: Blank spaces are not permitt marked to indicate that.	is available, the space must be						
Section I								
Manufacturer's Name GPI International Ltd.	Emergency Telephone Number							
Address ( Number, Street, City State, and ZIP Code) 8/F GP Building, 30 Kwai Wing Road,	Telephone Number for information 852-2484-3333							
Kwai Chung, N.T. H.K.	Date of prepared and revision Jan 28, 04 Signature of Prepare (optional)							
	7 (1 ,							
	us Ingredients / Identity	Information						
Hazardous Components:  Description:	Approximate % of total weight							
Description.	ripproximate /0 of total weight							
Lead	: <0.2	Wt%						
Mercury	: <0.2x10 <sup>-4</sup>	Wt%						
Cadmium	$<1.6x10^{-4}$	Wt%						
0 ( 111 D) 1 1/1	01 : 101 : : ::							
Section III - Physical / Boiling Point	Chemical Characteristics   Specific Gravity (H <sub>2</sub> O=1)	5	_					
N.A.	Specific Gravity (H <sub>2</sub> O=1)	N.A.						
Vapor Pressure (mm Hg) N.A.	Melting Point	N.A.						
Vapor Density (AIR=1) N.A.	Evaporation Rate (Butyl Acetate)	N.A.						
Solubility in Water N.A.	1							
Appearance and Odor	Cylinda	rical Shape, odorless						
Section IV - Fire and	Explosion Hazard Dat							
Flash Point (Method Used) N.A.	Flammable Limits N.A.	LEL UEL N.A.	N.A.					
Extinguishing Media N.A.	•							
Special Fire Fighting Procedures N.A.								
Unusual Fire and Explosion Hazards Do not dispose of battery in fire may explode.	-							
Do not short-circuit battery - may cause burns.	y							



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Section V	- Reactivity	v Data					
Stability	Unstable		Condition	ns to Avoid			
	Stable	X					
Incompatibility (	 Materials to Avoid						
Hazardous Decor	mposition or Bypr	oducts					
Hazardous	May Occur		Condition	ns to Avoid			
Polymerization	Will Not Occur	X					
	1	1					
	- Health H	azard Data					
Route(s) of		Inhalation?		Skin?	In	gestion?	
Entry			N.A		N.A.		N.A.
Health Hazard	d (Acute and C	Chronic) / Toxio	clogical i	nformation			
In case of	of electrolyte leaka	ige, skin will be ito	hy when c	ontaminated with electroly	e.		
In conta	ct with electrolyte	can cause severe i	rritation an	d chemical burns.			
Inhalatio	on of electrolyte va	apors may cause ir	ritation of t	the upper respiratory tract a	nd lungs.		
Section VI	I – First Aid	d Measures					
First Aid Prod	cedures						
If electro	olyte leakage occu	rs and makes conta	act with ski	in, wash with plenty of wat	er immediately.		
If electro	olyte comes into c	ontact with eyes, w	vash with c	opious amounts of water fo	r fifteen (15) minute	s, and cont	act a physician.
If electro	olyte vapors are in	haled, provide fres	h air and s	eek medical attention if res	piratory irritation de	velops. Ve	ntilate the contaminated area.
Section VI	II - Fire and	d Explosion	Hazar	d Data			
Flash Point (Met		Ignition Temp.		Flammable Limits	LEL		UEL
N.		N.A.		N.A.	N.A.		N.A.
Extinguishing M							
		nical or Foam exti	nguishers				
Special Fire Figh	ting Procedures						
N.A.	15 1 ' 11	1					
	l Explosion Hazard	ls n fire - may explo	de				
		y - may cause burn					
Do not s	more effective batter,	, may cause bum					



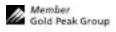


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Section IX	C – Accidental Release or S	Spillage		
	Taken in Case Material is Released			
Batte	ries that are leakage should be handled with	rubber gloves.		
Avoid	d direct contact with electrolyte.	-		
Wear	protective clothing and a positive pressure	Self-Contained Breathing Ap	paratus (SCBA).	
Section X	<ul> <li>Handling and Storage</li> </ul>			
Safe handling	g and storage advice			
Bat	teries should be handled and stored carefully	y to avoid short circuits.		
Do	not store in disorderly fashion, or allow met	al objects to be mixed with s	tored batteries.	
Nev	ver disassemble a battery.			
Do	not breathe cell vapors or touch internal man	terial with bare hands.		
Kee	ep batteries between -30°C and 35°C for pro	long storage.		
Section X	I – Exposure Controls / Pe	rson Protection		
Occupational Ex		STEP		
	N.A.		N.A.	
Respiratory Prot	tection (Specify Type)			
	N.A.	<u> </u>		
Ventilation	Local Exhausts	Special		
	N.A.		N.A.	
	Mechanical (General)	Other		
	N.A.		N.A.	
Protective Glove		Eye Protection		
N.A.			N.A.	
Other Protective	e Clothing or Equipment N.A.			
Work / Hygienic				
work / riygieiii	N.A.			
Castian V	II Foological Information			
Section A	II – Ecological Information			
	N.A.			
Section X	III - Disposal Method			
Dispose o	of batteries according to government regulat	ions.		

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### Section XIV – Transportation Information

GP batteries are considered to be "Dry cell" batteries and are unregulated for purposes of transportation by the U.S. Department of Transportation (DOT), International Civil Aviation Administration (ICAO), International Air Transport Association (IATA) and International Maritime Dangerous Goods Regulations (IMDG). The only DOT requirement for shipping these batteries is special provision 130 which states: "Batteries, dry are not subject to the requirements of this subchapter only when they are offered for transportation in a manner that prevents the dangerous evolution of heat (For example, by the effective insulation of exposed terminals). As of 1/1/97 IATA requires that batteries being transported by air must be protected from short-circuiting and protected from movement that could lead to short-circuiting.

### Section XV – Regulatory Information

Special requirement be according to the local regulatories.

### Section XVI - Other Information

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

### Section XVII - Measures for fire extinction

In case of fire, it is permissible to use any class of extinguishing medium on these batteries or their packing material. Cool exterior of batteries if exposed to fire to prevent rupture.

Fire fighters should wear self-contained breathing apparatus.