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IDENTITY (As Used on Label and List) GP210AAHCB	Note: Blank spaces are not permitted if any item is not applicable or no information is available, the space must be marked to indicate that.
Section I – Information of Mar	nufacturer
Manufacturer's Name	Emergency Telephone Number
Huizhou Modern Battery Ltd	
Address (Number, Street, City State, and ZIP	Telephone Number for information
Code)	752-2382388
Gu Tang Au Industrial District, Huizhou City.,	
Guangdong,516001	Date of prepared and revision
	Feb,06,2007
	Signature of Preparer (optional)
	Xuan Li

Section II - Hazardous Ingredients / Identity Information

Hazardous Components:

Hazardous Components:

A) The content of elements are based on homogeneous materials level of NiMH battery:

Element	Lead	Cadmium	Hexavalent	Mercury	Polybrominated	Polybrominated Diphenyls Ethers
			Chromium (Cr ⁶⁺)		Biphenyls (PBBs)	(PBDEs)
Limit (mg/kg)	<1000	<100	<1000	<1000	<1000	<1000

B) The content of elements are based on total weight of NiMH battery:

Element	Lead	Cadmi	uiii	Hexavalent Chromium (Mercury	Polybrominated Biphenyls (PBBs)	Polybrominated Diphenyls Ethers (PBDEs)
Limit (mg/kg)	<40	<20		<5		<5	Nil	Nil
Element	Ni(OH)2 (Nick Hydroxide)	el	30% KOH (Potassium			aOH Solution m Hyroxide)		
Limit (wt%)	<30%		<20%		<20%)		_

Section III - Physical / Chemical Characteristics

Boiling Point	Specific Gravity (H ₂ O=1)		_
N.A.		N.A.	
Vapor Pressure (mm Hg)	Melting Point		_
N.A.		N.A.	
Vapor Density (AIR=1)	Evaporation Rate (Butyl Acetate)		_
N.A.		N.A.	
C 1 1 '1'4 ' W/ 4			

Solubility in Water

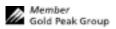
Appearance and Odor

Cylindrical Shape, odorless

Section IV - Hazard Classification

Classification

N.A.



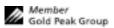


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Coation V	Dogotivit	v Doto							
Stability	 Reactivit Unstable 	y Dala	Condition	ns to Avoid					
Stability	Chistable		Condition	iis to rivolu					
	Stable								
		X							
Incompatibility (Materials to Avoi	d)							
Hazardous Deco	mposition or Bypi	oducts							
Tidzardous Deco	imposition of Bypi	oddets							
Hazardous	May Occur		Condition	ns to Avoid					
Polymerization	Will Not Occur								
	will rot occur	X							
	•	•							
Section VI	- Health H	azard Data							
Route(s) of	Tioditiiii	Inhalation?		Skin)	Ir	ngestion?		
Entry			N.	Α.		N.A.			N.A.
Health Hazar	d (Acute and (Chronic) / Toxio	logical	information					
11001011 110001	a (110000 una 0	, , , , , , , , , , , , , , , , , , , ,	1081441						
In case of	of electrolyte leak	age, skin will be ito	hv when c	ontaminated v	ith electrolyte.				
	•	can cause severe in	•		•				
		apors may cause iri				l lungs			
		uporo muj cause m		по пррег гозр					
Cootion \/	L First Air	d Magaziroa							
First Aid Pro		d Measures							
riist Aid Pio	cedures								
If electr	olyte leakage occi	irs and makes conta	ct with sk	in, wash with	plenty of water	immediately.			
		ontact with eyes, w					es, and con	tact a physiciar	1.
		haled, provide fres							
		,							
		d Explosion			,	T 77		LIE	
Flash Point (Met		Ignition Temp.		Flammable L		LEL		UEL	27.4
	.A.	N.A.		N	.A.	N.A.			N.A.
Extinguishing M									
	-	mical or Foam exti	nguishers	can be used for	r battery BUT v	water extinguisher	is not suita	ıble.	
Special Fire Figh	nting Procedures								
N.A.									
Unusual Fire and	Explosion Hazar	ds					<u> </u>	<u> </u>	
Do not o	lispose of battery	in fire - may explo	le.						
Do not s	short-circuit batter	y - may cause burn	S.						

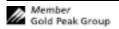
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	X – Accidental Release or		
Steps to Be	Taken in Case Material is Released	or Spilled	
Bat	teries that are leakage should be handled with	rubber gloves.	
Ave	oid direct contact with electrolyte.		
We	ar protective clothing and a positive pressure	Self-Contained Breathing Apparatus (SCBA).	
Section	X – Handling and Storage		
	ng and storage advice		
	atteries should be handled and stored careful	-	
	o not store in disorderly fashion, or allow me	tal objects to be mixed with stored batteries.	
	ever disassemble a battery.		
	o not breathe cell vapors or touch internal ma		
W	eep batteries between -20°C and 35°C for prochen the cells are closed to fully charged, the ansportation and packed with efficient air vertical.	storage temperature should be between -20°C and 30°C and	d should be controlled at 10-20°C during
	XI – Exposure Controls / Pe	erson Protection	
Occupational	Exposure Limits: LTEP	STEP	
	N.A.	N.A.	
Respiratory Pr	rotection (Specify Type) N.A.		
Ventilation	Local Exhausts	Special	
	N.A.	N.A.	
	Mechanical (General)	Other	
	N.A.	N.A.	
Protective Glo	oves	Eye Protection	
	N.A.	N.A.	
Other Protecti	ve Clothing or Equipment		
*** 1 /** :	N.A.		
Work / Hygie	N.A.		
Section 2	XII – Ecological Information		
	N.A.		
Section 2	XIII – Disposal Method		
	- p		
Dispose	e of batteries according to government regula	tions.	





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Section XIV – Transportation Information

NiMH 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 Carbon Dioxide, Dry Chemical or Foam extinguishers 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.