



Report No.: TSZ22110361-P15-R02

材料安全数据表

Material Safety Data Sheet

本 报 告 本 年 度 有 效 有效期至 2023 年 12 月 31 日

样品名称: 聚合物锂离子电池

Sample name: Polymer li-ion battery

样品型号: 602040

Sample model:

委托单位: 芯威电源(东莞)有限公司

Applicant: XinWei Power Supply (dongguan) Co.,LTD

签发时间 Date of issue: 2022.12.14

Written by 我记祷

深圳天湖计量检测股份有限公司

Shenzhen Tiansu Calibration and Testing Co., Ltd.

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* The MSDS is prepared based on the information provided by client. The contents and formats of this MSDS are revised as per client's request. 这份材料安全数据表是根据客户提供的信息编辑,其内容和格式按客户要求来修订。

第一部分-化学品及企业标识		
Section 1-Chemical Product and Company Identification		
产品名称	聚合物锂离子电池	
Product Name	Polymer li-ion battery	
型号	602040	
Model	002040	
商标		
Trade Mark		
额定参数	3.7V/400mAh/1.48Wh	
Ratings	3.7 V/40011/A1// 1.40VVII	
重量	9.162g	
Weight	3.102g	
制造商	芯威电源 (东莞) 有限公司	
Manufacturer	XinWei Power Supply (dongguan) Co.,LTD	
制造商地址	 东莞市清溪镇中坑路10号二楼	
Manufacturer	2nd Floor, No.10 Zhongkeng Road, Qingxi Town, Dongguan City	
Address	Zild Floor, No. 10 Zilongkeng Noad, Qiligxi Town, Donggdan City	
应急电话	13538283952	
Emergency Telephone	13330203332	
传真		
Fax		

第二部分-成分信息

Section 2- Composition Information

化学成分	化学式	CAS 号	重量含量(%)
Chemical Composition	Chemical Formula	CAS No.	Weight (%)
钴酸锂	LiCoO ₂	12190-79-3	15 - 40
Lithium cobaltate		12190-79-3	15 - 40
石墨	С	7782-42-5	10 - 30
Graphite	C	1102-42-0	10 - 30
六氟磷酸锂			
Lithium	$LiPF_6$	21324-40-3	10 - 30
hexafluorophosphate			
铜箔	Cu	7440-50-8	7-13
Copper	Cu	7440-30-0	<i>1</i> -13

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			T
铝箔 Aluminium	Al	7429-90-5	5-10
镍			
	Ni	7440-02-0	1-5
Nickel			
	第三部分	一危险性概述	
	Section 3- Haz	ards Identification	
	不适用		
Emergency overview	N/A		
标签元素	1		
Label elements:			
危险标签图	不适用		
Hazard pictogram (s)	Not Applicable		
提示语	不适用		
Signal word	Not Applicable		
危险声明	不适用		
Hazard statement(s)	Not Applicable		
预防声明			
Precautionary statemen	ıt(s):		
预防	不适用		
Prevention	Not Applicable		
反应	不适用		
Response	Not Applicable		
废弃处理	不适用		
Disposal	Not Applicable		
环境危害	无相关信息		
Environmental hazards:			
重要症状	见第11部分更多位		
Important symptoms:		for more information	
第四部分-急救措施			
	Section 4- Fire	rst Aid Measures	
			如41一中山从 十二八八八十
HT 12 41		用大量的清水冲洗至少15分钟,	翻起上下眼睑, 直到化学的残
眼睛接触	留物消失为止, 当		
Eye contact		plenty of water for least 15 mi	nutes, occasionally lifting the
	···	r eyelids. Get medical aid.	上海地上土地工业
→ 叶 → AL		量的水冲洗至少15分钟,同时除	云 为 架 的 在 物 和 軽 于 , 迅 速 就
皮肤接触 Skin contact	医。 Remove contam	inated clothes and rings alsing	with plenty of water or shower
SKIII CUIILACL		inated clothes and rinse skin v Get medical aid.	with plenty of water of snower
		至空气清新处,如果呼吸困难给	子輪菊 立即함库
吸入		主至气有机处,如本寸次凶难组 kposure and move to fresh ai	
Inhalation	available.	sposure and move to nestral	ininediately. Use Oxygen II
摄入			
域へ Ingestion		水,如果当事人仍然清晰可以采	
myestion	Give at least 2 g	glasses of milk or water. Indu	ice vomiting unless patient is

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	3 ' 3
	unconscious. Call a physician.
第五部分-消防措施	
Section 5- Fire Fighting Measures	
Occii	on a ric righting measures
燃点	不适用
Flash Point	N/A
自燃温度	不适用
Auto-Ignition Temperature	N/A
灭火介质	水, 二氧化碳
Extinguishing Media	H ₂ O, CO ₂
特殊灭火程序	自给式呼吸器
Special Fire-Fighting Procedures	Self-contained breathing apparatus
异常火灾或爆炸	当电芯暴露于过热的环境中时,安全阀可能会打开
Unusual Fire and Explosion Hazards	Cell may vent when subjected to excessive heat-exposing battery contents
燃烧产生的危险物品	一氧化碳,二氧化碳,锂氧化物烟气
Hazardous Combustion Products	Carbon monoxide, carbon dioxide, lithium oxide fumes.

第六部分-泄露应急处理

Section 6- Accidental Release Measures

个人预防措施、保护设备和应急程序:

如果电池被泄露,让人员离开该区域直到烟雾消散。提供最大限度的通风,清除有害气体。首选的反应就是离开这个地区并消散气体,避免皮肤和眼睛接触或吸入气体。用吸收剂清除溢出的液体然后焚烧。如果电池泄漏发生时,液体可以用砂、泥土或其他惰性物质来吸收,污染区域应该保持通风。

Personal precautions, protective equipment and emergency procedures:

If the battery is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. The preferred response is to leave the area and allow the vapors to dissipate, Avoid skin and eyes contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerated. If leakage of the battery happens, liquid could be absorbed by using sand, earth or other inert substance and contaminated area should be ventilated meantime.

环境预防措施:

不允许产品到达排水系统或任何水源。

如果渗透进排水系统或任何水源, 通知相应的部门。

不允许进入下水道/表面或地下水。

Environment precautions:

Do not allow product to reach sewage system or any water source.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

抑制和清理材料的方法:

如果电池外壳被拆除,少量电解液可能会泄漏。收集所有材料放进一个塑料容器。根据当地的法律法规来处置,避免可溶物质进入大地、下水道或水源。

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Methods and material for containment and cleaning up:

If battery casing is dismantled, small amounts of electrolyte may leak. Collect all released material in a plastic lined container. Dispose off according to the local law and rules, Avoid leached substances to get into the earth, canalization or waters.

canalization or waters. 第七部分—操作处置和储存			
Section 7- Handling and Storage			
	禁止打开、毁坏或焚烧电池,因为电池有可能在这些处理过程中发生爆炸、破裂或泄露等事故。		
	禁止将电池短路、过充、强制放电或扔入火中。		
	禁止挤压或刺穿电池,或将电池浸入溶液中。		
操作处置	示正价压或利牙电池,或符电池及八谷放生。 The battery should not be opened, destroyed or incinerate, since they may		
Handling	leak or rupture and release to the environment the ingredients that they		
	contain in the hermetically sealed container.		
	Do not short circuit terminals, or over charge the battery, forced		
	over-discharge, throw to fire.		
	Do not crush or puncture the battery, or immerse in liquids.		
	禁止物理或电滥用,禁止高温储存,最好将电池储存在阴凉、干燥、通风及温		
	度变化较小的环境中。		
	禁止将电池接触加热设备,或将电池长时间直接暴露在阳光中。		
储存	Avoid mechanical or electrical abuse. Storage preferably in cool, dry and		
Storage	ventilated area, which is subject to little temperature change. Storage at		
	high temperatures should be avoided.		
	Do not place the battery near heating equipment, nor expose to direct		
	sunlight for long periods.		
	拆解、挤压、直接放入火中或高温条件下, 电池可能发生爆炸和燃烧。		
	禁止短接或将电池正负极错误的安装在设备中。		
其他要注意的防范措施 Other Precautions	The battery may explode or cause burns, if disassembled, crushed or		
Other Frecautions	exposed to fire or high temperatures. Do not short or install with incorrect		
	polarity.		
	第八部分-接触控制和个体防护		
Section 8- Exposure Controls/Personal Protection			
	设计局部排气通风或其它设计来控制粉尘、雾、烟雾和气体。		
设计控制	Use local exhaust ventilation or other engineering controls to control sources		
Engineering Controls	of dust, mist, fumes and vapor.		
	Keep away from heat and open flame. Store in a cool, dry place.		

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	呼吸防护:在正常情况下不需要。
	皮肤和身体防护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需
	要穿戴适当的防护服和手套。
	手保护:如果处理一个裂开的或泄漏的电池需要戴适当手套。
	眼睛保护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要戴上
 个人防护装备	安全眼镜。
Personal Protective Equipment	Respiratory Protection: Not necessary under normal conditions.
	Skin and body Protection: Not necessary under normal conditions, Wear suitable protective clothing and gloves if handling an open or leaking battery.
	Hand protection: Wear suitable gloves if handling an open or leaking battery.
	Eye Protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery.
11 (2-19) 10, 111 44	在工作区域应该有一个立即可以使用的安全淋浴和喷水洗眼器。
其它防护装备 Other Protective Equipment	Have a safety shower and eye wash fountain readily available in the
Other Protective Equipment	immediate work area.
】 卫生措施	在工作区域不得进食,饮水或吸烟。
Hygiene Measures	Do not eat, drink, or smoke in work area. Maintain good housekeeping.
	第九部分-物理和化学特性
Section 9-	第九部分-物理和化学特性 Physical and Chemical Properties
Section 9- 颜色 Color	
颜色	Physical and Chemical Properties 银色
颜色 Color	Physical and Chemical Properties 银色 Silver
颜色 Color 气味	Physical and Chemical Properties 银色 Silver 不适用
颜色 Color 气味 Odour	Resilver 不适用 Not Applicable
颜色 Color 气味 Odour 酸碱度	Resilver 不适用 Not Applicable 不适用
颜色 Color 气味 Odour 酸碱度 pH	R色 Silver 不适用 Not Applicable 不适用 Not Applicable
颜色 Color 气味 Odour 酸碱度 pH 熔点/凝固点	R色 Silver 不适用 Not Applicable 不适用 Not Applicable 不适用
颜色 Color 气味 Odour 酸碱度 pH 熔点/凝固点 Melting point/freezing point	R色 Silver 不适用 Not Applicable 不适用 Not Applicable 不适用 Not Applicable 不适用 Not Applicable
颜色 Color 气味 Odour 酸碱度 pH 熔点/凝固点 Melting point/freezing point 沸点、沸点范围:	R色 Silver 不适用 Not Applicable 不适用 Not Applicable 不适用 Not Applicable 不适用 Total
颜色 Color 气味 Odour 酸碱度 pH 熔点/凝固点 Melting point/freezing point 沸点、沸点范围: Boiling Point and Boiling range	R色 Silver 不适用 Not Applicable
颜色 Color 气味 Odour 酸碱度 pH 熔点/凝固点 Melting point/freezing point 沸点、沸点范围: Boiling Point and Boiling range	R色 Silver 不适用 Not Applicable
颜色 Color 气味 Odour 酸碱度 pH 熔点/凝固点 Melting point/freezing point 沸点、沸点范围: Boiling Point and Boiling range 易燃度 Flash Point	Resilver 不适用 Not Applicable
颜色 Color 气味 Odour 酸碱度 pH 熔点/凝固点 Melting point/freezing point 沸点、沸点范围: Boiling Point and Boiling range 易燃度 Flash Point 自燃或爆炸的上、下极限	R色 Silver 不适用 Not Applicable
颜色 Color 气味 Odour 酸碱度 pH 熔点/凝固点 Melting point/freezing point 沸点、沸点范围: Boiling Point and Boiling range 易燃度 Flash Point 自燃或爆炸的上、下极限 Upper/lower flammability or	Resilver 不适用 Not Applicable

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表式密度 Vapor Density Not Applicable 相对密度 Relative density Not Applicable 木溶性 Solubility in Water 自然温度 Auto-ignition temperature Not Applicable が通過度 Not Applicable が通過度 Not Applicable が通過度 Not Applicable が通過度 Not Applicable が起用 Decomposition temperature Not Applicable 素支建率 Evaporation rate Not Applicable 易燃性(土壌、天然气) Flammability (soil, gas) Not Applicable 新性 Viscosity Not Applicable 第十部分 稳定性和反应活性 Section 10 - Stability and reactivity 稳定性 Section 10 - Stability and reactivity 危変性 Shability たこれを介でて以上或支焼、変形、製坏、粉碎、折卵、过充电、短路, 长时间暴露在潮湿的条件下。 Conditions to Avoid トーロー 本熱 70°C 以上或支焼、変形、製坏、粉碎、折卵、过充电、短路, 长时间暴露在潮湿的条件下。 Conditions to Avoid トーロー 本熱 70°C 以上或支焼、変形、製坏、粉碎、折卵、过充电、短路, 长时间暴露在潮湿的条件下。 Conditions to Avoid 本表 20°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 Incompatible Materials Oxidizing agents, acid, base. 企覧分解物 「会化器」の名の記述に表表の表現の表現の表現の表現の表現の表現の表現の表現の表現の表現の表現の表現の表		, , , , , , , , , , , , , , , , , , ,
Relative density Not Applicable 水溶性 Solubility in Water		
Relative density 水溶性 Not Applicable Not Applicable Mailag	Vapor Density	Not Applicable
本溶性 Solubility in Water Not Applicable Auto-ignition temperature	相对密度	不适用
Solubility in Water Not Applicable pkk	Relative density	Not Applicable
自燃温度 Auto-ignition temperature Auto-ignition temperature Applicable 不适用 Not Applicable 素发速率 Figure For Population rate Book (上壤、天然气) Flammability (soil, gas) 松性 Viscosity Not Applicable 第十部分 稳定性和反应活性 Section 10- Stability and reactivity 稳定性 Flac 第十部分所述的条件下稳定 The product is stable under conditions described Section 7 加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时问暴露在潮湿的条件下。 Conditions to Avoid 不兼容的材料 Incompatible Materials Ackide Applicable Ackide Applicabl	水溶性	不适用
Auto-ignition temperature 分解温度 Decomposition temperature 素皮速率 Fvaporation rate 易燃性(土壤、天然气) Flammability (soil, gas) Not Applicable 新士部分 稳定性和反应活性 Section 10- Stability and reactivity 稳定性 Stability The product is stable under conditions described Section 7 加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。 Conditions to Avoid 中品本第一部分 © C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 和	Solubility in Water	Not Applicable
一分解温度 不逆用 Not Applicable 表皮速率 不逆用 Not Applicable 表皮速率 不逆用 Not Applicable 多燃性(土壌、天然气) 不逆用 Not Applicable Not Applicable 不逆用 Not Applicable 不逆用 Not Applicable 不逆用 Not Applicable 不逆用 Not Applicable 第十部分 稳定性和反应活性 Section 10- Stability and reactivity 第十部分 稳定性和反应活性 Section 10- Stability and reactivity が The product is stable under conditions described Section 7 加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。 Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 氧化剂,酸,碱。 Oxidizing agents, acid, base.	自燃温度	不适用
Rot Applicable 素发速率	Auto-ignition temperature	Not Applicable
素皮速率 不适用 Not Applicable 易燃性(土壌、天然气) Flammability (soil, gas) 粘性 Viscosity Not Applicable 第十部分 稳定性和反应活性 Section 10- Stability and reactivity	分解温度	不适用
Evaporation rate 易燃性(土壤、天然气) Flammability (soil, gas) Not Applicable ***********************************	Decomposition temperature	Not Applicable
Flammability (soil, gas)	蒸发速率	不适用
Not Applicable ***********************************	Evaporation rate	Not Applicable
Rite Viscosity Not Applicable 第十部分 稳定性和反应活性 Section 10- Stability and reactivity 稳定性 Stability 产品在第七部分所述的条件下稳定 The product is stable under conditions described Section 7 加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。 Conditions to Avoid Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 Incompatible Materials 会路分解物 Action 10- Stability and reactivity 产品在第七部分所述的条件下稳定 The product is stable under conditions described Section 7 加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。 4年	易燃性(土壤、天然气)	不适用
Not Applicable 第十部分 稳定性和反应活性 Section 10- Stability and reactivity 稳定性 Stability 产品在第七部分所述的条件下稳定 The product is stable under conditions described Section 7 加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。 Conditions to Avoid Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 Incompatible Materials のxidizing agents, acid, base.	Flammability (soil, gas)	Not Applicable
第十部分 稳定性和反应活性 Section 10- Stability and reactivity 稳定性 Stability 产品在第七部分所述的条件下稳定 The product is stable under conditions described Section 7 加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。 Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 Incompatible Materials Oxidizing agents, acid, base.	粘性	不适用
Section 10- Stability and reactivity稳定性产品在第七部分所述的条件下稳定StabilityThe product is stable under conditions described Section 7应避免的条件加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。Conditions to AvoidHeat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions.不兼容的材料 Incompatible Materials氧化剂,酸,碱。 Oxidizing agents, acid, base.	Viscosity	Not Applicable
稳定性 Stability 广品在第七部分所述的条件下稳定 The product is stable under conditions described Section 7 加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。 Conditions to Avoid Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 Incompatible Materials Oxidizing agents, acid, base.		第十部分 稳定性和反应活性
稳定性 Stability 广品在第七部分所述的条件下稳定 The product is stable under conditions described Section 7 加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。 Conditions to Avoid Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 Incompatible Materials Oxidizing agents, acid, base.	.	40 04 1 1114
StabilityThe product is stable under conditions described Section 7应避免的条件加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。Conditions to AvoidHeat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions.不兼容的材料氧化剂,酸,碱。Incompatible MaterialsOxidizing agents, acid, base.	Secti	on 10- Stability and reactivity
加热 70°C 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮湿的条件下。 Conditions to Avoid Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 氧化剂,酸,碱。 Oxidizing agents,acid,base.	稳定性	产品在第七部分所述的条件下稳定
应避免的条件 Conditions to Avoid Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 Incompatible Materials	Stability	The product is stable under conditions described Section 7
Conditions to AvoidHeat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble, Overcharge, Short circuit, Expose over a long period to humid conditions.不兼容的材料氧化剂,酸,碱。Incompatible MaterialsOxidizing agents, acid, base.		
Overcharge, Short circuit, Expose over a long period to humid conditions. 不兼容的材料 Incompatible Materials Oxidizing agents, acid, base.		
不兼容的材料 氧化剂,酸,碱。 Incompatible Materials Oxidizing agents, acid, base.	Conditions to Avoid	
Incompatible Materials Oxidizing agents, acid, base.		Overcharge, Short circuit, Expose over a long period to humid conditions.
Incompatible Materials Oxidizing agents, acid, base.	 不兼容的材料	氧化剂,酸,碱。
告 於 分 解 物		Oxidizing agents, acid, base.
/LID / / / / / / / / / / / / / / / / / / /	-	
Hazardous Decomposition	7 = 1- 71 / 11 #1	一氧化碳、二氧化碳、氧化锂烟雾。
Products Carbon monoxide, carbon dioxide, lithium oxide fumes.	<u>-</u>	Carbon monoxide, carbon dioxide, lithium oxide fumes.
告 险 反 应 的 可 能 州		
Possibility of Hazardous 不适用		不适用
Reaction Not Applicable	•	Not Applicable
第十一部分-毒理学资料	- Coustion	I 第十一部分-毒理学资料
	为	
Section 11 - Toxicological Information		
刺激 如果电芯的外壳受到机械、热或电的滥用到达一定程度,会发生刺激的风险。	Section	11 TOXICOIOGICAI IIIIOIIIIALIOII

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Irritation	如果发生这种情况,可能会刺激皮肤、眼睛和呼吸道。	
	Risk of irritation occurs only if the cell is mechanically, thermally or electrically abused to the point of compromising the enclosure. If this occurs, irritation to the skin, eyes and respiratory tract may occur.	
致过敏	不适用	
Sensitization	Not Applicable	
影响神经系统	不适用	
Neurological Effects	Not Applicable	
致畸	不适用	
Teratogenicity	Not Applicable	
再生毒性	不适用	
Reproductive Toxicity	Not Applicable	
诱变(遗传效应)	不适用	
Mutagenicity (Genetic Effects)	Not Applicable	
附带材料毒理性	不适用	
Toxicologically Synergistic Materials	Not Applicable	
	第十二部分-生态学资料	
Section 12- Ecological Information		
生态毒性	不适用	
Ecological Toxicity	Not Applicable	
在土壤中的流动性	不适用	
Mobility in soil	Not Applicable	
持久性和分解性	不适用	
Persistence and Degradability	Not Applicable	
Persistence and Degradability 生物聚积	Not Applicable 不适用	
生物聚积	不适用	

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第十三部分-废弃处置		
Section 13- Disposal Considerations		
产品废弃处理建议 Product disposal recommendation	遵守当地、州和联邦法律和法规。 Observe local, state and federal laws and regulations.	
包装处理建议 Packaging disposal recommendation	废弃处理必须根据当地法规 Disposal must be made according to official regulations	
	第十四部分-运输信息	
Section	on 14 - Transport Information	
运输标签 Label for conveyance	锂电池标签 Lithium Battery Label	
UN 编号	UN 3480 或 UN 3481	
UN Number	UN 3480 or UN 3481	
运输风险类别	9	
Transport hazard class(es)		
包装等级		
Packing group		
海洋污染物	无污染	
Marine pollutant	No	
	锂离子电池(包括锂离子聚合物电池)	
	Lithium ion Batteries (Including lithium ion polymer batteries)	
	锂离子电池和设备包装在一起(包括锂离子聚合物电池)	
联合国运输专用名称	Lithium ion Batteries packed with equipment (Including lithium ion polymer	
UN Proper shipping name	batteries)	
	设备里内含锂离子电池(包括锂离子聚合物电池)	
	Lithium ion Batteries contained in equipments (Including lithium ion polymer batteries)	
	可根据国际民用航空组织(ICAO), TI 或国际航空协会(IATA) DGR 64 版本包装说明 965 第 IB 节规定或 966~967 第 II 节规定进行空运	
ICAO/IATA	Can be shipped by air in accordance with international Civil Aviation Organization (ICAO), TI or International Air Transport Association (IATA) DGR 64th Packing Instructions Section IB of 965 or Section II of 966 \sim 967 appropriately.	

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IMDG CODE	《国际海运危险货物规则》特殊规定 188 IMDG CODE (Amdt 41-22) International Maritime Dangerous Goods Code under Special Provision 188 IMDG CODE (Amdt 41-22)
ADR	《国际危险货物道路运输欧洲协定》(ADR)根据特殊规定 188 European Agreement concerning the International Carriage of Dangerous Goods by Road under Special Provision 188
RID	《国际危险货物铁路运输欧洲协定》(RID)根据特殊规定 188 Regulations concerning the International Carriage of Dangerous Goods by Rail under Special Provision 188

危险品规例规定,运输前,每一个电池设计须通过联合国试验和标准手册38.3节所载的测试。

The dangerous goods regulations require that each battery design be subject to tests contained in Section 38.3 of the UN Manual of Tests and Criteria prior to being offered for transport.

第十五部分 法规信息

Section 15- Regulatory information

法律信息

Law information

- 《危险物品规则》
- 《Dangerous Goods Regulations》
- 《对危险货物运输的有关规定的建议》
- 《Recommendation on the Transport of Dangerous Goods Model Regulations》
- 《国际海运危险货物规则》
- 《International Maritime Dangerous Goods》
- 《危险品安全运输技术指令》
- «Technical Instructions for the Safe Transport of Dangerous Goods»
- 《危险货物分类和品名编号》
- 《Classification and code of dangerous Goods》
- 《消费产品安全法》
- 《Consumer Product Safety Act》(CPSA)
- 《联邦环境污染控制法》
- 《Federal Environmental Pollution Control Act》 (FEPCA)
- 《资源保护及恢复法案》
- 《Resource Conservation and Recovery Act》 (RCRA)
- 《国际危险货物道路运输欧洲协定》
- 《European Agreement concerning the International Carriage of Dangerous》
- 《国际危险货物铁路运输欧洲协定》
- 《Regulations concerning the International Carriage of Dangerous》
- 根据所有联邦、州和地方法律。
- In according with all Federal, State and local laws.

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第十六部分-其它信息

Section 16- Other Information

上面的信息被认为是准确代表了目前最好的信息提供给我们。然而,飞机没有对商品性能保证或任何其他保证,包括明示或暗示,对这类信息的使用我们不承担责任。用户应作出自己的调查,以确定是否适合其特定用途的信息。虽然在此处所包含的数据的准备已经采取了合理的预防措施,这是仅为你提供的信息、考虑和调查。这个化学品安全技术说明书为本产品提供了安全操作指南和使用指南,它并不能对所有可能发生的情况提供建议,因此,您特殊使用该产品应先进行评估,以确定是否需要额外的预防措施。

The information above is believed to be accurate and represents the best information currently available to us. However, concorde makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation. This material safety data sheet provides guidelines for the safe handling and use of this product; it does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required.

-- End of Report ---- 报告结束 --

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