

安全資料表 Safety Data Sheet

一、物品與廠商資料/Product and Company Identification

物品名稱：UBF-A (PF) SERIES Product Name
產品編號：UBF**** Product Code
建議用途及限制使用： Suggestion and Restriction on application:
製造商或供應商名稱、地址及電話： 功得電子工業股份有限公司 / 新北市五股區五權五路 26 號 Address & Tel. of Manufacturer or Agent: CONQUER ELECTRONICS CO.,LTD. / No.26, Wucyuan 5th Rd., Wugu Dist., New Taipei City, Taiwan
緊急聯絡電話/傳真電話： 886-2-89902189 / 886-2-89902577 Emergency Phone Number/Fax

二、危害辨識資料/ Hazard Identification

物品危害分類/Hazard Classification : /
GHS 標示內容 / GHS Label Elements 象徴符號 Symbol: / 警示語/Singal Words: / 危害警告訊息/Hazard statement: / 危害防範措施/Precaution: /
其它危害 Others: 無

三、成分辨識資料/Composition, Information on Ingredients

成分名稱 Component Chemical Name & Common Names :	成份百分比 Ingredient Percent :	化學文摘社登記號碼 CAS No. :	
Fuse element wire-base	Copper / 銅	100%	7440-50-8
Fuse element wire-plating	Tin / 錫	100%	7440-31-5
Inner cap-base	Copper / 銅	68%	7440-50-8
	Zinc / 鋅	32%	7440-66-6
Inner cap-plating	Nickel / 鎳	100%	7440-02-0
Ceramic tube	Alumina / 氧化鋁	100%	1344-28-1
Solder	Tin / 錫	96.3%	7440-31-5
	Copper / 銅	2.3%	7440-50-8
	Rosin / 松香	1.4%	8050-09-7
Quartz sand	Silica / 矽砂	100%	15468-32-3
Outer cap-base	Copper / 銅	68%	7440-50-8
	Zinc / 鋅	32%	7440-66-6
Outer cap-plating	Nickel / 鎳	100%	7440-02-0
Lead wire-base	Copper / 銅	100%	7440-50-8
Lead wire-plating	Tin / 錫	100%	7440-31-5
Silicone	Quartz / 石英	50%	14808-60-7

	Dimethylvinylated and trimethylated silica / 二甲基乙烯基化和三甲基化二氧化矽	29%	68988-89-6
	Silica, amorphous / 非晶形二氧化矽	10%	7631-86-9
	Glycidoxypropyl trimethoxysilane / 縮水甘油氧基丙基三甲氧基矽烷	10%	2530-83-8
	Methyl butynol / 甲基丁炔醇	1%	115-19-5

四、急救措施/ First Aid Measures

不同暴露途徑之急救方法/ First Aid Measures for Different Kinds of Exposures :

- 吸入/Inhalation : 無吸入可能 / No inhalation may
- 皮膚接觸/Skin Contact : 使用清水或肥皂即可清洗 / Can be cleaned using water or soap
- 眼睛接觸/Eye Contact : 非粉塵, 使用清水沖洗 / Non-dust, Rinse
- 食入/Ingestion : 不可催吐, 送醫 / Not induce vomiting, Send Hospital

最重要症狀及危害效應/Most Important Symptoms and Hazard Reactions : /

對急救人員之防護/Protection to First-Aid Attendants : /

對醫師之提示/Suggestions to Doctors : /

五、滅火措施/ Fire Fighting Measures

適用滅火劑/Suitable Extinguishing Media : 一般 / General

滅火時可能遭遇之特殊危害/Special Hazards in Fire : /

特殊滅火程序/Special Fire-Fighting Procedures : -

消防人員之特殊防護設備/Required Special Protective Equipment for Fire-Fighters : /

六、洩漏處理方法/ Accidental Release Measures

個人應注意事項/ Personal Precautions : /

環境注意事項/Environmental Precautions : /

清理方法/Methods for Cleaning : /

七、安全處置與儲存方法/ Handling and Storage

處置/Handling : /

儲存/ Storage : 室溫 / Room temperature 25±5°C ,
濕度 / Humidity 35~75%RH

八、暴露預防措施/ Exposure Controls, Personal Protection

工程控制/ Engineering Measures : /

控制參數/ Control Parameters :

- 八小時日時量平均容許濃度(TWA)/短時間時量平均容許濃度(STEL)/最高容許濃度

(CEILING) : /
• 生物指標/ BEIs : /
個人防護設備/ Personal Protection Equipment : • 呼吸防護/Respiration : 非粉塵, 請用清水清洗 / Non-dust, Rinse • 手部防護/Hand : 手套 / Gloves • 眼睛防護/Eye : 非粉塵, 請用清水清洗/ Non-dust, Rinse • 皮膚及身體防護/Skin & Body : 非粉塵, 請用清水清洗/ Non-dust, Rinse
衛生措施/Hygiene Measures : 處理此物後, 須徹底洗手 / Deal with this matter, shall wash their hands thoroughly.

九、物理及化學性質/ Physical and Chemical Properties

物質狀態/ State of Substance : 固體/ Solid	形狀/Appearance : 管狀 / Tubular
顏色/Color : 銀色或灰白色/ Silver or gray	氣味/Odor : 無味 / Tasteless
pH 值/pH Value : /	沸點/沸點範圍/Boiling Point : °C
熔點/凝固點 Melting /Solidify Point: /	揮發速率/Evaporative Speed: /
分解溫度/Decomposing Temperature : /	閃火點 : °F °C Flashpoint 測試方法 : 開杯 閉杯 Test Methods : Open Slot Closed Slot
自燃溫度/Self-Igniting Temperature : /	爆炸界限/Explosion Limits : /
蒸氣壓/Vapor Pressure : /	蒸氣密度/Vapor Density : /
密度/Density : /	溶解度/Dissolution : 不溶於水 / Insoluble in water
分配係數/Distribution factor: /	

十、安定性及反應性/Stability and Reactivity

安定性/Stability : 正常狀況下安定 / Stable under normal conditions
特殊狀況下可能之危害反應/Possible Hazard Reaction Under Special Conditions : 潮濕下將會氧化/ Will be oxidized under wet
應避免之狀況/Conditions to Avoid : 潮濕 / Moist
應避免之物質/Materials to Avoid : /
危害分解物/Hazardous Decomposition Products : /

十一、毒性資料/ Toxicological Information

急毒性/Acute Toxicity : 吞食有嘔吐現象 / If swallowed vomiting
局部效應/Local Reactions : /
致感性/Sensitivity : /
慢毒性或長期毒性/Chronic or Long Term Toxicity : 1. 吸入或食入鉛數年增加鉛的吸收, 因能發生手腕和踝部神肌麻痺。 / Inhalation or ingestion of lead in a few years to increase the absorption of lead, wrist and ankle can occur because of muscle paralysis of God. 2. 鉛中毒最嚴重結果是嚴重頭痛、焦慮、昏腫、妄想及可能死亡的腦性疾病。 / The most serious result of lead poisoning is a serious headache, anxiety, and faint swelling, paranoia and

possible death of the brain disease.
特殊效應/Special Reactions : -

十二、生態資料/Ecological information

可能之環境影響/環境流佈/Possible Environmental Impact/Environmental Run-offs : 1. 鉛在土壤中通常停留在表面的 2~5 公分處，雖然已知某些植物會吸收鉛，但排漏的考慮並不重要，主要是它會形成較不溶的硫化物、氧化物或磷鹽。 / Lead in the soil usually stays on the surface of 2 to 5 cm, although some plants are known to absorb lead, but the row is not important to consider leakage, mainly it will form an insoluble sulfide, oxide or phosphate salt . 2. 鉛在空氣中通常以粉塵狀態存在，或吸附到顆粒上，因地心引力而掉落，也可能轉化成氧化物或碳化物。 / Lead dust in the air condition is usually there, or adsorbed to particles, due to gravity and fall, may also be converted into oxides or carbides. 3. 鉛的生物蓄積性在魚類中不明顯，但在貝類，如蠔中卻很顯著。 / Lead bioaccumulation in fish is not obvious, but in shellfish such as oysters in very significant. 4. 對水中生物有毒。 / On the aquatic toxic.
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十三、廢棄處置方法/Disposal considerations

廢棄處置方法/Disposal Methods : 1. 依據政府法規處理。 / Treatment according to government regulations. 2. 與供應商或製造商連繫以取得詳細的推薦方法。 / With suppliers or manufacturers to obtain detailed links recommended method.

十四、運送資料/Transport information

國際運送規定/International Transportation Regulations : -
聯合國編號/UN Reference No. : -
國內運送規定/Domestic Transportation Regulations : 1. 道路交通安全規則第 84 條 / Article 84 of the Road Traffic Safety Rules 2. 船舶危險品裝載規則 / Ship carrying dangerous goods rules 3. 台灣鐵路局危險品裝卸運輸實施細則 / Taiwan Railway Administration Regulations, dangerous goods handling and transportation
特殊運送方法及注意事項/Special Transportation Methods and Precautions : -

十五、法規資料/Regulatory information

適用法規/Applicable Regulation : 勞工安全衛生設施規則 / Labor safety and sanitation rules 危險物及有害物通識規則 / Dangerous and Harmful Materials Rules 鉛中毒預防規則 / Lead Poisoning Prevention Rules 勞工作業環境空氣中有害物質容許濃度標準 / Workers operating in ambient air standards for allowable concentration of hazardous substances 道路交通安全規則 / Road Traffic Safety Rules 事業廢棄物貯存清除處理方法及設施標準 / Industrial waste storage, disposal method and facility standards

十六、其他資料/Other information

參考文獻 Ref. Document		
製表單位 Department	部門名稱 / Dept. Name : 研發部 / R & D Department	
	地址/電話 Address/Tel. : 新北市五股區五權五路 26 號 / 886-2-89902189 No.26, Wucyuan 5th Road, Wugu District, New Taipei City 24888, Taiwan	
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