

Material Safety Data Sheet

(化學品安全使用說明書)

Page : 3-1

1) Chemical Product & Company Information (化學品名稱和製造商資訊)

Product name (物品名稱): Metallized plastic film capacitor 金屬化塑膠薄膜電容器
Part No / Type (物品編號): B type、MA type、MT type、R type
Manufacture (製造商): LUNGCHEN CAPACITOR COMPANY
Address (地址): No.3, Lane 9, Chi Hsing St., Ho Li Hsiang, Taichung, Taiwan, R.O.C.
Phone (電話): 886-4-25584646
Fax (傳真): 886-4-25570861
Emergency phone number (緊急聯絡電話): 886-4-25584646

2) Composition/Information on Ingredients (化學組成資訊)

NO.	Components (組成份)	物質名稱	含有率%	CAS NO.
1	Metallized Plastic Film (金屬化塑膠膜)	聚丙烯(PP)	>99%	9903-07-0
		鋁 (Aluminum)	<0.5%	7429-90-5
		鋅 (Zinc)	<0.5%	7440-66-6
2	Sn-Zn (錫鋅線)	錫 (Sn)	59~61%	7440-31-5
		銻 (Sb)	0.30%	7440-36-0
		銅 (Cu)	0.05%	7440-50-8
		鉍 (Bi)	0.05%	7440-69-9
		鐵 (Fe)	0.03%	7439-89-6
		鋅 (Zn)	39~41%	7440-66-6
		鋁 (Al)	0.005%	7429-90-5
		砷 (As)	0.03%	7440-38-2
3	Terminal (端子)	銅 (Copper)	97~98%	7440-50-8
		錫 (Tin)	2~3%	7440-31-5
4	Electronic wire (電子線)	銅 (Copper)	20~60%	7440-50-8
		錫 (Tin)		7440-31-5
		聚氯乙烯塑膠粉/Polyvinyl Chloride(PVC) Resin	40-80%	9002-86-2
5	Epoxy Resin (環氧樹脂)	環氧樹脂 (Epoxy Resin)	75~85%	25068-38-6
		壬基酚 (Nonyl Phenol)	10~12%	25154-52-3
		聚醚雙胺 (Polyoxypropylene Diamine)	70~80%	9046-10-0
		壬基酚 (Nonyl Phenol)	20~30%	25154-52-3
6	Plastic case (塑膠殼體)	聚對苯二甲酸丁二酯 Polybutylene Terephthalate	20~95	26062-94-2
		玻纖 Glass Fiber	0~45	65997-17-3
		礦纖 Minerals	0~30	13983-17-0
		添加劑 Additives	0.2~15	---

3) Hazards Identification (危害資訊)

Health effects (健康危害效應): None
Environmental effect (環境影響): None
Other (其他危害): None

4) First Aid Measures (急救措施)

<ul style="list-style-type: none"> • Inhalation (吸入): N/A • Skin (皮膚接觸): N/A • Eyes (眼睛接觸): N/A • If swallowed (食入): Call a physician (儘速送醫)
--

5) Fire Fighting Measure (消防措施)

Extinguishing media (適用滅火劑): Foam, CO2, Dry chemicals (泡沫, 二氧化碳, 乾粉式滅火器)
Fire hazards (著火時的有害物質): Hazardous decomposition products are CO2 a slightly CO and various hydrocarbons (著火後的有害物質為多量的二氧化碳, 少量一氧化碳和不同的碳氫化合物)
Fire fighting procedures/instructions (特殊滅火程式/指示): Treat the surrounding fire/This product is non-burning (依照一般滅火程式/此產品非自燃性)
The special equipment for fire fighter (消防人員之特殊防護設備): Wear proper protective equipment (穿著適當的防護裝備)

6) Accidental Release Measures (泄露應急處理)

This product is not subject to "accidental release" in the form of normal use (不適用本產品)
--

7) Handling and Storage (操作和儲存)

<ul style="list-style-type: none"> • Keep dry and away from direct sunlight for quality (保持乾燥並避免陽光直射, 確保品質) • Tstg = -25°C to +40°C with RH maximum 80% without condensation (建議儲存溫度為 -25~+40°C, 最大溼度 80%)
--

8) Exposure Controls/Personal Protection (接觸控制和個人防護措施)

Personal Protective Equipment (PPE) (個人防護設備):
<ul style="list-style-type: none"> • Respiratory Protection (呼吸防護): No particular protection needed (不需特別的防護) • Eyes Protection (眼睛防護): No particular protection needed (不需特別的防護) • Skin Protection (皮膚及身體防護): No particular protection needed (不需特別的防護)

9) Physical and Chemical Properties (理化特性)

Physical state (物質狀態): Solid (固體)	Appearance (形狀): Rectangular / Axial / Round
Color (顏色): BLACK	Odor (氣味): None
PH: N/A	Boiling point (沸點): N/A
Vapor Pressure (蒸氣壓): N/A	Flash point (閃火點): N/A
Density (密度): N/A	Solubility in water (溶解度): Insoluble (不溶於水)
Vapor Density (蒸氣密度): N/A	

10) Stability and Reactivity (穩定性和反應活性)

Chemical Stability (安定性) : Stable (安定)
Reactivity (特殊狀況下可能之危害反應) : Non-reactivity (不具反應性)
Conditions to Avoid (應避免之狀況) : Heat, sparks, flames, and other ignition sources (熱, 火花, 燃燒和其他點火源)
Materials to avoid (應避免之物質) : N/A
Hazardous Products of Decomposition (危害分解物) : N/A

11) Toxicological Information (毒理學資訊)

No information available (無相關資料可適用)

12) Ecological Information (生態學資訊)

No ecological information is available for this product (沒有生態資料適用於這種產品)

13) Disposal Considerations (廢棄處置)

Dispose of materials in compliance with governmental regulations (按照政府的規章處理)
--


14) Transport Information (運輸資訊)

Not a hazardous material for DOT shipping (不屬於 DOT 國際運送規定內的有毒物質)
--

15) Regulatory Information (法規資訊)

According to (適用法規) : None

16) Other Information (其他資訊)

Reference (參考文獻)	No specific notes (無)	
Data prepared by (製表單位)	COMPANY (公司名稱) : 瓏晟興業股份有限公司	
	ADDRESS (地址) : 421 台中市后里區七星街 9 巷 3 號	
	TELEPHONE (電話) : 04-2558-4646	
Wrote by (製表人)	Department (部門) : Production Department (廠務部)	Signature (姓名) : Wade MEI 
	Date (製表日期)	2023/08/01

※N/A : Not applicable (不適用)

