

物質安全資料表

一. 物品與產商資料/Product and Company Identification

物品名稱:SMD LED Product Name
物品編號: MATEx-xx & MATExx- xxx series Product Code
製造商或供應商名稱、地址、電話: 深圳市美特光電子有限公司 SHENZHEN MATELIGHT ELECTRONICS CO;LTD 深圳市福田區福華路322號文蔚大廈9樓9C Shenzhen Office: 9C, 9th Floor, Wenwei Building, No. 322, Fuhua Road, Futian District, Shenzhen, China/+0755-83998134 Address & Tel. of Manufacturer or Agent
緊急聯絡電話、傳真電話: +0755-83998134 Emergency Phone Number/Fax: +0755-83461747

二. 成份辨識資料/Composition, Information on Ingredients

1.

In substance fame is called: compound			
Chemical nature: resin			
The substance component name	CAS number	Concentration concentration (component percentage)	either limit
Epidian	25068-38-6	48~60%	
1,3,5-Triglycidyl Isocyanurate	2451-62-9	12~15%	
Tetrahydrophthalic Anhydride	85~43-8	25~35%	

2.

In substance fame is called: PCB			
Physical property: BT/Cu			
The substance component name	CAS number	Concentration concentration (component percentage)	either limit
Fiber Glass	65997-17-3	32.4~45.5%	
Epoxy Resin	9003-36-5	21.6~22.7%	
	29690-82-2		
	25068-38-6		
Inorganic filler	13463-67-7	8.1~15.5%	
Cu	7440-50-8	18.5%	
Ni	7440-02-0	2%	
Ag	7440-22-4	3%	

Au	7440-57-5	1%
Sn	7440-31-5	3%

3.

In substance fame is called: chip		
Physical property: InGaN		
The substance component name	CAS number	Concentration concentration (component percentage) either limit
Al2O3	1344-28-1	85%
GaN	25617-97-4	11%
Au	7440-57-5	2%
SiO2	14464-46-1	2%

4.

In substance fame is called: Ag-pasted		
Silver Physical property: Ag/epoxy		
The substance component name	CAS number	Concentration concentration (component percentage) either limit
Ag	7440-22-4	85%
Epoxy	29690-82-2	15%

5.





In substance fame is called: Golden-wire		
Physical property: Au		
The substance component name	CAS number	Concentration concentration (component percentage) either limit
Au	7440-57-5	100%

三. 危害辨識資料 / Hazard Identification

最重要危害效應 Most Important Health Hazards and Reactions	健康危害效應/Health Hazards and Reactions: N/A
	環境影響/Environmental Impact: N/A
	物理性及化學性危害/Physical and Chemical Hazards: N/A
	特殊危害/Specific Hazards: N/A
主要症狀/Cardinal Symptoms: N/A	
物品危害分類/Hazard Classification: N/A	

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: N/A
-  皮膚接觸/Skin Contact: N/A
-  眼睛接觸/Eye Contact: N/A
-  食入/Ingestion: N/A

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

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

對醫師之提示/Suggestions to Doctors: N/A

五. 滅火措施/Fire Fighting Measures

適用滅火劑/Suitable Extinguishing Media: Water、Carbon dioxide、Dried vermicelli made from bean starch fire-extinguishing chemical

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

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

消防人員之特殊防護裝備/Required Special Protective Equipment for Fire-Fighters: N/A

六. 洩漏之處理方法/Accidental Release Measures

個人應注意事項/Personal Precautions: N/A

環境注意事項/Environmental Precautions: N/A

清理方法/Methods for Cleaning: N/A

七. 安全處置與儲存方法/Handling and Storage



處置/Handling: N/A

儲存/Storage: Temp: 10°C~30°C & Humidity 60% RH below

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


工程控制/Engineering Measures: N/A


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): N/A
-  生物指標/BEIs: N/A

個人防護設備/Personal Protection Equipment:

呼吸防護/Respiration: N/A

 手部防護/Hand: N/A

 眼睛防護/Eye: N/A

☞ 皮膚與身體防護/Skin & Body: N/A

衛生措施/Hygiene Measures: N/A

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

物質狀態/State of Substance: solid	形狀/Appearance: Square-like
顏色/Color: N/A	氣味/Odor: N/A
pH 值/ pH Value: N/A	沸點/沸點範圍/Boiling Poin: N/A
分解溫度/Decomposing Temperature: 無	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: N/A	爆炸界限/Explosion Limits: N/A
蒸氣壓/Vapor Pressure: N/A	蒸氣密度/Vapor Density: N/A
密度/Density: N/A	溶解度/Dissolution: N/A

十. 安全性及反應性/Stability and Reactivity

安全性/Stability: N/A

特殊狀況下可能之危害反應/Possible Hazard Reaction Under Special Conditions: N/A

應避免之狀況/Conditions to Avoid: N/A

應避免之物質/Materials to Avoid: N/A

危害分解物/Hazardous Decomposition Products: N/A

十一. 毒性資料/Toxicological Information

急毒性/Acute Toxicity: N/A

局部效應/Local Reactions: N/A

致敏感性/Sensitivity : N/A

慢毒性及長期毒性/Chronic or Long Term Toxicity: N/A

特殊效應/Special Reactions: N/A

十二. 生態資料/Ecological information

可能之環境影響/環境流布/Possible Environmental Impact/Environmental Run-offs: N/A

十三. 廢棄處理方法/Disposal considerations

廢棄處理方法/Disposal Methods: N/A

十四. 運送資料/Transport information

國際運送規定/International Transportation Regulations: N/A

聯合國編號/UN Reference No.: N/A

國內運送規定/Domestic Transportation Regulations: N/A

特殊運送方法及注意事項/Special Transportation Methods and Precautions: N/A

適用法規/Applicable Regulation: J-STD-020D

十六. 其它資料/Other information

參考文獻 Ref. Document	MIL-STD-883	
製表單位 Department	名稱/Dept. Name: 深圳市美特光電子有限公司 SHENZHEN MATELIGHT ELECTRONIC CO.;LTD	
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