



安全技术说明书 (Safety Data Sheet)

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1. Product & Manufacturer 产品和厂家

Product Name: SOT-323 eutectic

Product Number:

Supplier or Manufacturer: Dongguan Pingjingsemi Technology Co., Ltd

Address: No. 13, Wende Road, Xiaokeng, Liaobu Town, Dongguan City, Guangdong Province

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2. Composition/Information on Ingredients 成分/成分的信息

材料 Material	占总重百分比 Percentage of total weight	化学成分 Chemical composition	CAS NO	占各材料百分比 Percentage of each material
Plating	0.103	Sn	7440-31-5	99.99%
		Other	-	0.01%
Molding Compound	4.48	Fused silica	60676-86-0	83.00%
		Epoxy resin	29690-82-2	10.00%
		Phenolic resin	9003-35-4	6.00%
		Flame retardant	138265-88-0	0.50%
		Carbon black	1333-86-4	0.50%
Bonding Wire	0.02	Cu	7440-50-8	99.99%
		Other	-	0.01%
Ag paste	0.08	Ag	7440-22-4	79.00%
		Epoxy resin	Proprietary	16.00%
		Curing agent	Proprietary	5.00%
Lead Frame	1.89	Fe	7439-89-6	54.77%
		Ni	7440-02-0	42.00%
		Cu	7440-50-8	0.90%
		Ag	7440-22-4	0.90%
		Mn	7439-96-5	0.70%
		Co	7440-48-4	0.40%
		Cr	7440-47-3	0.24%
		Pb	7439-92-1	0.09%
Dice	0.017	Si	7440-21-3	90.50%
		Al	7429-90-5	2.16%
		Ag	7440-22-4	7.34%

3. Hazards Identification 危害辨识

Health effect(s): Can't eat

Environmental effect(s): May cause harm to the water environment

Physical and chemical hazard(s): N/A

Special hazard(s): When used under reverse voltage and other conditions, it can cause the product to crack, and the cracked fragments can cause harm to personnel.

4. First-aid Measures 急救措施

Classification by ways of exposition: No effect

Inhaled : N/A

Skin contact: No effect

Ingested : N/A

Harmful effect(s) and symptom(s) : N/A

Protection to the first-aid personnel : N/A

Note to physicians :N/A

5.Fire -fighting Measures 消防措施

Suitable fire extinguisher(s) : Any extinguishant including CO2,dry powder ,foam is suitable

Hazardous material(s) released during fire-fighting : N/A

Precaution : None

6.Accidental Leak Measures 泄露处理方法

Personal precaution : N/A

Enviroemental precaution : N/A

Method(s) for cleaning up : N/A

7.Safe Handling and Storage Methods 安全处置与储存方法

Handing : No special requirement in handing the goods .Do not discard arbotraroly.Away from the fire

Storing contion : Temperature: 10-28 ℃; Humidity: 20-60%; And keep away from direct sunlight and rain,

Storage period: 5 years

8.Exposition Preventive Measures 暴露预防措施

Project control : N/A

Personal precaution : N/A

9.Physical and Chemical Properties 物理及化学性质

State of matter: Solid Appearance: Square

Colour: Black pH value: N/A

Solubility in water: Not soluble Fire point: 500℃

Odor: None Boiling point/range: N/A

Decompositon temperature: N/A

10.Stability and Reactivity 稳定性和反应性

Stability : Stable under normal storage and use

Possible reaction under special condition : N/A

Material(s) to avoid : N/A

Conditions to avoid : Strong acid, strong base

Hazardous product(s)released upon decomposition : N/A

11.Toxicological Information 毒性资料

Acute toxicity : N/A

Sensitization : N/A

Chronic toxicity or long-term toxicity : N/A

Local effect(s): N/A

Special effect(s) : N/A

12. Ecological Information 生态信息

Ecological toxicity: harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
forbidden to discharge into sewers, surface water and groundwater.

13. Disposal 废弃

Way of disposal : Follow the regulations of the local government

14 Transportation 运输

Overseas regulation(s) on transportation : N/A

Local regulation(s) on transportation : N/A

UN code : N/A

Way of transportation and precaution :

This is not hazardous product.

waterproof, sunproof and no excessive

15. Regulations 法规

Applicable regulation(s): RoHS Directive (EU) 2015/863

16. Other Information 其他

Other Information : N/A

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