

Safety Data Sheet



1. Manufacturer Information

Product name

SMA

Details of the supplier of the safety data sheet

Premier Farnell
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Emergency telephone number

+44 (0) 870 202530

2. Material Ingredients

Weight : 0.064g

Material Constitutes of Part	Material Ingredients	CAS no	Content %	Weight (mg)	Remarks
Chip	Si	7440-21-3	91.8	1.028160	Containing lead glass or ceramic electrical and electronic components, except dielectric ceramic capacitors
	Ni	7440-02-0	0.1	0.001120	
	Au	7440-57-5	0.1	0.001120	
	SiO2	14808-60-7	4.5	0.050400	
	Pb	7439-92-1	3.5	0.039200	
Solder	Pb	7439-92-1	92.5	1.465680	High temperature soldering, ROHS exemption
	Sn	7440-31-5	5	0.078800	
	Ag	7440-22-4	2.5	0.031520	
Lead Flame	Cu	7440-50-8	98	21.217000	
	Fe	7439-89-6	2	0.443000	
Plating On Lead Wire	Sn	7440-31-5	99.98	0.030748	
	Other	-	0.02	0.000006	
Epoxy Resin Shell	Epoxy Resins	61788-97-4	15	5.918355	
	Phenolic Resin	9003-35-4	10	3.945570	
	Silica	14808-60-7	75	29.591775	

3. Hazards Identifications

Health Hazards and Reactions : Under normal circumstances, harmless to the human body
Environmental Impact : None
Physical and Chemical Hazards : None
Specific Hazards : May be harmful if swallowed
Cardinal Symptoms : None
Hazard Classification : None

4. First Aid Measures

First Aid Measures for Different Kinds of Exposures

Inhalation	: Move to fresh air. Seek medical attention
Skin Contact	: Wash thoroughly with soap and water. Remove contaminated clothing. If symptoms persist, call a physician
Eye Contact	: Wash with water. Do not rub eyes. Seek medical attention immediately
Ingestion	: Seek medical attention
Most Important Symptoms and Hazard Reactions	: When breathing is difficult, give oxygen cover and immediately contact physician
Protection to First-Aid Attendants	: None
Suggestions to Doctors	: None

5. Fire Fighting Measures

Suitable Extinguishing Media	: Water, Carbon Dioxide or Sand
Special Hazards in Fire	: None
Special Fire-Fighting Procedures	: None
Required Special Protective Equipment for Fire-Fighters	: None

6. Accidental Release Measures

Personal Precautions	: None
Environmental Precautions	: None
Methods for Cleaning	: None

7. Handling and Storage

Handling	: It is handled by a company with a waste disposal license
Storage	: Placed in a cool and ventilated place, should avoid direct sunlight and humid environment.

8. Stability and Reactivity

Stability Conditions to Avoid	: None
Materials to Avoid	: None
Hazardous Decomposition Products	: None
Possible Hazard Reaction Under Special Conditions	: None

9. Exposure Controls, Personal Protection

Engineering Measures	: None
Control Parameters	
The (TWEL) / short time average allowable concentration (STEL) / max. allowable concentration (CEILING)	: None
The Biological indicators / BEIs	: None

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Personal Protection Equipment	: None
Respiration	: None
Hand	: None
Eye	: None
Skin & Body	: None
Hygiene Measures	: None

10. Physical and Chemical Properties

State of Substance	: Solid
Appearance	: The rectangle leads out four pins
Colour	: Body Black, Lead Silver White
Odor	: None
pH Value	: Neutral Boiling Point
Boiling Point	: Not Applicable
Decomposing Temperature	: Not Applicable
Flashpoint	: Not Applicable
Self-Igniting Temperature	: Not Applicable
Explosion Limits	: Not Applicable
Vapor Pressure	: Not Applicable
Vapor Density	: Not Applicable
Density	: 4.85g/cm ³
Dissolution	: Not Applicable

11. Toxicological Information

Acute Toxicity	: None
Local Reactions	: None
Sensitivity	: None
Special Reactions	: None
Chronic or Long Term Toxicity	: None

12. Ecological information

Possible Environmental Impact/Environmental Run-offs	: None
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13. Disposal considerations

Disposal Methods	: It is handled by a company with a waste disposal license
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14. Transport information

International Transportation Regulations	: None
UN Reference No	: None
Domestic Transportation Regulations	: None
Special Transportation Methods and Precautions	: None

15. Regulatory information

Applicable Regulation : None

16. Other information

Ref. Document : None

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