

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Description: Surface Mount Devices

Package: SOT-23

Creation date: April 09, 2014

Revision: A

Responsible Section: QA & R Department

Manufacturer: LESHAN RADIO COMPANY, LTD.

Address: 287 West People Road, Leshan, Sichuan, China

Phone: +86-833-2150309

2. Product Chemical Content/Compound

Total Component Weight: 8.13 mg

Component	Material	Estimated Avg Weight (mg)	Substance in Material	Estimated Avg Weight(mg)	Content	CAS No.
Molding Compound	Epoxy Resin	4.9	Silica fused	4.312	88.00%	7631-86-9
			Phenolic resin	0.490	10.00%	9003-35-4
			Carbon Black	0.049	1.00%	1333-86-4
			Zinc oxide	0.049	1.00%	1314-13-2
Lead Frame	Alloy42	2.92	Copper(Cu)	0.286	9.79%	7440-50-8
			Iron(Fe)	1.528	52.33%	7439-89-6
			Nickel(Ni)	1.106	37.88%	7440-02-0
Die	Si	0.16	Silicon(Si)	0.160	100.00%	7440-21-3
Plating Layer	Sn	0.14	Tin(Sn)	0.140	100.00%	7440-31-5
Wire Bond	Cu	0.01	Copper(Cu)	0.010	100.00%	7440-50-8

3. Summary of Hazardous Substances

- Ingredients of this product don't contain Paraformaldehyde, Organic tin compound, Azocompounds, TBBPA, PFOS.

4. Medical Emergency

N/A

5. Fire Precautions

N/A

6. Measures for Leakage

N/A

7. Handling and Storage

Handling:

- Handle with care to protect products from shock-induced breakage.
- Unpack products in clean room. Do not handle with bare hands.

Storage:

- Store at room temperature $T_{stg}=25\pm 5^{\circ}\text{C}$;
- Store at room humidity $30\%RH\leq 70\%$.

8. Product Protection

- ESD packing, Same polarity alignment and prevention of exposure/distortion.

9. Physical/Chemical Properties

- Black solid material

10. Stability and Reactivity

- Stable and Non-reactivity.

11. Toxicity Information

- No data available.

12. Environmental Impact Information

- Harmless to environment.

13. Disposal of Product

- Disposal of product must conform to disposal regulations and restrictions by local government.

14. Transportation of Product

- As the product is likely to be damaged by ESD and distortion, use cushioning and antistatic material for transport packaging. When loading, to keep the cargo from breakage by collapse.

15. Regulatory Information

Suitable Regulation:

- Ingredients of this product are compliant with RoHS requirement.

16. Other

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