

**Supplier's Declaration
On Restricted or Banned Materials and
Chemical Substances**



TITLE : RoHS 2 Compliance

CUSTOMER

PRODUCT

Thick Film Chip Resistor (Glass
Coating Type)

Prepared by

Eun-Hee Ma

SAMSUNG ELECTRO-MECHANICS DOCUMENT

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We, Samsung, declare that our **Chip Resistor** is in compliance with European Directive 2011/65/UE

The detail information about ingredients of requested items is as below.

◎ Section I . Banned Substances

Substance	USE	Application	Purposes of Use
Lead and its compounds	O	Pb-Oxide in Glass Frits (RoHS's Exemption) 7(c)-I Electrical and electronic components containing lead in a glass.	Resistive Layer
Mercury and compounds	X		
Hexavalent Chromium	X		
Cadmium and its compounds	X		
Polybrominated biphenyls(PBBs)	X		
Polybrominated diphenyls ethers(PBDEs)	X		

◎ Section II . Controlled substances

Substance	USE	Application	Purposes of Use
Antimony and its compounds	X		
Arsenic and its compounds	X		
Beryllium and its compounds	X		
Barium and its compounds	X		
Manganese and its compounds	X		
Organic-tin compounds	X		
Nickel and its compounds	O	Ni Plating	Barrier Layer
Bismuth and its compounds	X		
Copper and its compounds	X		
Asbestos etc.	X		
Cyanides	X		
Polychloroterphenyls(PCTs)	X		
Polychlorinated biphenyls(PCBs)	X		
Polyvinyl chloride(PVC)	X		

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Hwansoo Lee

Signature of Authorized Company Representative

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If you have another question, feel free to ask the our salesperson .

※ If you have any questions, feel free to contact our salesperson.