

# MATERIAL DECLARATION SHEET



Material	MF-RG	
Product Line	Multifuse	
Revision Date	9/12/14	
Revision	B	
RoHS Compliant	Yes	

No.	Construction Element(subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material\Substances	CAS No. / Int. Identifier If applicable	Material Mass %	Material Mass % of total unit wt.	subpart mass of total wt.(%)
1	Epoxy coating powder	Epoxy	0.04357	Bisphenol A diglycidyl ether	1675-54-3	40.00%	4.56%	11.39%
				Bisphenol A epoxy resin	25085-99-8	20.00%	2.28%	
				Silica Crystalline	14464-46-1	23.00%	2.62%	
				Non-halogen Flame Retardant	Trade Secret	12.00%	1.37%	
				Iron Oxide Fume	51274-00-1	2.00%	0.23%	
				Titanium Dioxide	13463-67-7	3.00%	0.34%	
2	Solder	Solder	0.11123	Tin	7440-31-5	99.31%	28.88%	29.08%
				Copper	7440-50-8	0.69%	0.20%	
3	Wire	Copper wire with tin coating	0.12371	Copper	7440-50-8	99.50%	32.18%	32.34%
				Tin	7440-31-5	0.50%	0.16%	
4	Polymer	Polyethylene	0.01891	Polyethylene Homopolymer	9002-88-4	98.00%	4.84%	4.94%
				Proprietary additives	not to declare	2.00%	0.10%	
5	Carbon black	Carbon black	0.03084	Carbon black	1333-86-4	100.00%	8.06%	8.06%
6	Foil	Copper Foil	0.05428	Copper	7440-50-8	95.00%	13.48%	14.19%
				Nickel	7440-02-0	5.00%	0.71%	
			Total weight	0.38254				

**This Document updated on:** September 12, 2014

**Important remarks:**

1. it is responsibility of user to verify they area accessing the latest version