


MATERIAL DECLARATION SHEET



Material	MF-R/90	
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	0.089821	Bisphenol A diglycidyl ether	1675-54-3	40.00%	6.09%	15.22%
				Bisphenol A epoxy resin	25085-99-8	20.00%	3.04%	
				Silica Crystalline	14464-46-1	23.00%	3.50%	
				Non-halogen Flame Retardant	Trade Secret	12.00%	1.83%	
				Iron Oxide Fume	51274-00-1	2.00%	0.30%	
				Titanium Dioxide	13463-67-7	3.00%	0.46%	
2	Solder	Solder	0.136433	Tin	7440-31-5	93.41%	21.60%	23.12%
				Copper	7439-92-1	6.59%	1.52%	
3	Wire	Copper wire with tin coating	0.171368	Copper	7440-50-8	99.60%	28.92%	29.04%
				Tin	7440-31-5	0.40%	0.12%	
4	Polymer	Polyethylene	0.079898	Polyethylene Homopolymer	9002-88-4	98.00%	13.27%	13.54%
				Proprietary additives	not to declare	2.00%	0.27%	
5	Carbon black	Carbon black	0.073752	Carbon black	1333-86-4	100.00%	12.50%	12.50%
6	Foil	Copper Foil	0.038828	Copper	7440-50-8	95.00%	6.25%	6.58%
				Nickel	7440-02-0	5.00%	0.33%	
Total weight			0.5901					

This Document updated on: September 12, 2014

Important remarks:

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