


MATERIAL DECLARATION SHEET

BOURNS®

Material	MF-RX Series			
Product Line	Multifuse			
Revision Date	9/12/14			
Revision	B			
RoHS Compliant	Yes	MSL	1	

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	0.076190	Bisphenol A diglycidyl ether	1675-54-3	40.00%	4.55%	11.38%
				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	0.194680	Tin	7440-31-5	99.30%	28.88%	29.09%
				Copper	7440-50-8	0.70%	0.20%	
3	Wire	Copper wire with tin coating	0.216420	Copper	7440-50-8	99.50%	32.17%	32.33%
				Tin	7440-31-5	0.50%	0.16%	
4	Polymer	Polyethylene	0.033110	Polyethylene	9002-88-4	99.90%	4.94%	4.95%
				Proprietary additives	not to declare	0.10%	0.0049%	
5	Carbon black	Carbon black	0.053970	Carbon black	1333-86-4	100.00%	8.06%	8.06%
6	Foil	Copper Foil	0.094970	Copper	7440-50-8	95.00%	13.48%	14.19%
				Nickel	7440-02-0	5.00%	0.71%	
			Total weight			0.66934		

This Document updated on: September 12, 2014

Important remarks:

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