


MATERIAL DECLARATION SHEET



Material Number	MF-RHS			
Product Line	Multifuse			
Compliance Date	2023/08/29			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Coating	Epoxy coating powder	0.1	Bisphenol A diglycidyl ether	1675-54-3	38	6.78%	17.80%
				Bisphenol A epoxy resin	25085-99-8	10	1.78%	
				Silica Crystalline	14464-46-1	40	7.14%	
				Non-halogen Flame Retardant	trade secret	3	0.54%	
				Iron Oxide Fume	51274-00-1	5.5	0.98%	
				Titanium Dioxide	13463-67-7	3.5	0.62%	
2	Solder joint	Solder	0.048	Tin	7440-31-5	99.3	8.51%	8.60%
				Copper	7440-50-8	0.7	0.06%	
3	Wire	Copper Wire	0.199	Copper	7440-50-8	100%	35.52%	35.70%
4	Wire	Plating	0.001	Nickel	7440-02-0	20%	0.04%	
				Tin	7440-31-5	80%	0.14%	
5	Plaque	Foil	0.152	Copper	7440-50-8	100%	27.13%	28.60%
6		Plating	0.008	Nickel	7440-02-0	100%	1.43%	
7	Plaque	Polymer	0.034	Fluorine type homopolymer	24937-79-9	99.9	6.06%	6.10%
				Proprietary additives	Not to declare	0.1	0.01%	
8	Plaque	Carbon Black	0.018	Carbon Black	1333-86-4	100	3.17%	3.20%
9	Plaque	Calcium carbonate	0.001	Calcium carbonate	471-34-1	100	0.09%	0.10%
		Total weight (grams)	0.561					

This Document was updated on: Aug 29th, 2023

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.