


MATERIAL DECLARATION SHEET



Material Number	NFB			
Product Line	Fixed Resistor			
Compliance Date	4/19/2024			
RoHS Compliant		MSL		

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material Substance	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Fuse Cover Clear Plastic	Polycarbonate	27.7660	Polycarbonate	25929-04-8	99.0000%	21.5052%	21.7224%
				Additives	Trade secret	1.0000%	0.2172%	
2	Washer, #5/16x3/4" Flat	Stainless Steel 18-8	6.7600	Iron (Fe)	7439-89-6	71.0950%	3.7599%	5.2886%
				Chromium (Cr)	7440-47-3	18.0000%	0.9519%	
				Nickel (Ni)	7440-02-0	8.0000%	0.4231%	
				Manganese (Mn)	7439-96-5	2.0000%	0.1058%	
				Phosphorus (P)	7723-14-0	0.0450%	0.0024%	
				Sulfur (S)	7704-34-9	0.0300%	0.0016%	
				Carbon (C)	7440-44-0	0.0800%	0.0042%	
				Silicon (Si)	7440-21-3	0.7500%	0.0397%	
3	Lock Washer, #5/16 Split	Stainless Steel 18-8	2.9980	Iron (Fe)	7439-89-6	71.0950%	1.6675%	2.3454%
				Chromium (Cr)	7440-47-3	18.0000%	0.4222%	
				Nickel (Ni)	7440-02-0	8.0000%	0.1876%	
				Manganese (Mn)	7439-96-5	2.0000%	0.0469%	
				Phosphorus (P)	7723-14-0	0.0450%	0.0011%	
				Sulfur (S)	7704-34-9	0.0300%	0.0007%	
				Carbon (C)	7440-44-0	0.0800%	0.0019%	
				Silicon (Si)	7440-21-3	0.7500%	0.0176%	
4	Hex Nut, 5/16-18	Stainless Steel 18-8	5.6000	Iron (Fe)	7439-89-6	71.0950%	3.1147%	4.3811%
				Chromium (Cr)	7440-47-3	18.0000%	0.7886%	

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				Nickel (Ni)	7440-02-0	8.0000%	0.3505%	
				Manganese (Mn)	7439-96-5	2.0000%	0.0876%	
				Phosphorus (P)	7723-14-0	0.0450%	0.0020%	
				Sulfur (S)	7704-34-9	0.0300%	0.0013%	
				Carbon (C)	7440-44-0	0.0800%	0.0035%	
				Silicon (Si)	7440-21-3	0.7500%	0.0329%	
5	Hex Tap, 5/16-18 x 1- 3/4"	Stainless Steel 18-8	36.8400	Iron (Fe)	7439-89-6	71.0950%	20.4905%	28.8213%
				Chromium (Cr)	7440-47-3	18.0000%	5.1878%	
				Nickel (Ni)	7440-02-0	8.0000%	2.3057%	
				Manganese (Mn)	7439-96-5	2.0000%	0.5764%	
				Phosphorus (P)	7723-14-0	0.0450%	0.0130%	
				Sulfur (S)	7704-34-9	0.0300%	0.0086%	
				Carbon (C)	7440-44-0	0.0800%	0.0231%	
				Silicon (Si)	7440-21-3	0.7500%	0.2162%	
6	Fuse Base, Plastic Molded	Phenolic	39.8910	Bisphenol A Polycarbonate	25971-63-5	45.0000%	14.0437%	31.2082%
				Bisphenol A Polycarbonate	Trade Secret	2.0000%	0.6242%	
				Fiber Glass	6597-17-3	50.0000%	15.6041%	
				Bisphenol A Polycarbonate	Trade Secret	2.0000%	0.6242%	
				Carbon Black	1333-86-4	1.0000%	0.3121%	
7	ALCNUT Acorn	Nylon 66	2.3600	Polyamide 6.6	32131-17-2	99.4700%	1.8463%	1.8463%
				Further Additives	Not to declare	0.5300%	0.1426%	
8	Epoxy Resin w/ Catalyst	50- 3150RFRBK	5.6070	Aluminum Hydroxide	21645-51-2	57.2500%	2.5113%	4.3866%
				Phenol	25068-38-6	31.2500%	1.3708%	
				Diethylmethylbenzenediamine	68479-98-1	6.0000%	0.2632%	
				Carbon Black	1333-86-4	0.5000%	0.0219%	
				Confidential Substances	Trade secret	5.0000%	0.2193%	
		Total Weight	127.8220					

This Document was updated on: 5/23/2024

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Important remarks:

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