

Material Composition for SX-4492A

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (grams)	Special Classification
Housing	Glass Reinforced PPA	25.858%	PPA	25776-72-1	15.21	
			Glass Fibber	65997-17-3	7.49	
Rear Lid	PBT	9.682%	PBT	26062-94-2	8.33	
			Misc. Not to declare	N/A	0.17	
Torque Array	PCB material	0.675%	Glass Fiber	65997-17-3	0.3948048	
			Copper	7440-50-8	0.0200304	
			Nickel	7440-02-0	0.0055536	
			Gold	7440-57-5	0.0023088	
			Epoxy resing	N/A	0.1694784	
	CP Paste	0.228%	Secret Formula	N/A	0.2	
Position Element	PCB material	6.961%	Glass Fiber	65997-17-3	4.16493	
			Copper	7440-50-8	0.11529	
			Nickel	7440-02-0	0.03213	
			Gold	7440-57-5	0.01386	
			Epoxy resing	N/A	1.78479	
	CP Paste	0.228%	Secret Formula	N/A	0.2	
Slip Ring Paste	0.228%	Secret Formula	N/A	0.2		
		Secret Formula	N/A	0.2		
		Secret Formula	N/A	0.2		
Plasctic rotor	Glass Reinforced Nylon	15.036%	Glass Fiber	65997-17-3	1.32	
			Nylon 6	25038-54-4	6.6	
			Acrylonitrile, polymer with styrene	9003-54-7	2.772	
			Poly-paraphenylene terephthalamid	26125-61-1	0.66	
			Polytetrafluoroethylene	9002-84-0	1.32	
			Misc. Not to declare	N/A	0.528	
LH3 Rotor Plastic	Glass Reinforced Nylon	14.512%	Glass Fiber	65997-17-3	1.274	
			Nylon 6	25038-54-4	6.37	
			Acrylonitrile, polymer with styrene	9003-54-7	2.6754	
			Poly-paraphenylene terephthalamid	26125-61-1	0.637	
			Polytetrafluoroethylene	9002-84-0	1.274	
			Misc. Not to declare	N/A	0.5096	
Coupling	Stainless Steel	4.689%	Iron	7439-89-6	2.8812	
			Chromium	7440-47-3	0.74088	
			Nickel	7440-02-0	0.4116	
			Misc. Not to declare	N/A	8.23E-02	
			Misc. Not to declare	N/A	8.23E-02	
Hog ring	Stainless Steel	1.360%	Iron	7439-89-6	8.36E-01	
			Chromium	7440-47-3	2.15E-01	
			Nickel	7440-02-0	1.19E-01	
			Misc. Not to declare	N/A	2.39E-02	
			Misc. Not to declare	N/A	2.39E-02	
Grip Ring	Stainless Steel	1.360%	Iron	7439-89-6	8.36E-01	
			Chromium	7440-47-3	2.15E-01	
			Nickel	7440-02-0	1.43E-01	
			Misc. Not to declare	N/A	1.43E-01	
Contact	Palladium Alloy	0.148%	Palladium	7440-05-3	8.27E-03	
			Nickel	7440-02-0	1.66E-02	
			Tin	7440-31-5	8.86E-03	
			Silver	7440-22-4	7.14E-03	
			Copper	7440-50-8	8.87E-02	
			Misc. Not to declare	N/A	8.87E-02	
Wire harness	Wire	6.890%	Copper	7440-40-8	2.75E+00	
			Tin	7440-31-5	2.78E-01	
			Polyvinylchloride	9002-86-2	3.02E+00	
	Terminal pin	2.009%	Copper	7440-40-8	1.73E+00	
			Nickel	7440-02-0	1.76E-02	
			Tin	7723-31-5	8.82E-04	
			Phosphorus	7723-14-0	1.59E-02	
			Misc. Not to declare	N/A	1.59E-02	
	Machined terminal	1.576%	Copper	7440-50-8	7.44E-01	
			Iron	7439-89-6	8.09E-04	
			Lead	7439-92-1	1.62E-01	RoHS exemption 6 (c)
			Tin	7440-31-5	4.77E-01	
Connector	3.168%	Polypropylene	106565-43-9	2.78E+00		
Tubing iraxx	Polyolefin resing	1.059%	Hydrogen	1333-74-0	9.01E-01	
			Carbon	7440-44-0	2.79E-02	
Teflon Washer	Teflon	0.986%	PTFE	9002-84-0	8.65E-01	
Thermal potting componer Nylon	Nylon	3.303%	Polyamide	32131-17-2	2.61E+00	
			Misc. Not to declare	N/A	2.90E-01	
Label	Polyester label	0.046%	Polyethylene tereohthalate	25038-59-9	4.00E-02	
Total Mass					87.79	grams