

Material Composition for SX-4474A

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (grams)	Special Classification	
Housing	Glass Reinforced PPA	27.72%	PPA	2776-72-1	1.52E+01		
			Glass Fibber	65997-17-3	7.49E+00		
Rear Lid	PBT	10.38%	PBT	26062-94-2	8.33E+00		
			Misc. Not to declare	N/A	1.70E-01		
Torque Array	PCB material	0.72%	Glass Fiber	65997-17-3	3.95E-01		
			Copper	7440-50-8	2.00E-02		
			Nickel	7440-02-0	5.55E-03		
			Gold	7440-57-5	2.31E-03		
			Epoxy resing	N/A	1.69E-01		
			Secret Formula	N/A	2.00E-01		
	CP Paste	0.24%					
Position Element	PCB material	7.46%	Glass Fiber	65997-17-3	4.16E+00		
			Copper	7440-50-8	1.15E-01		
			Nickel	7440-02-0	3.21E-02		
			Gold	7440-57-5	1.39E-02		
			Epoxy resing	N/A	1.78E+00		
			Secret Formula	N/A	2.00E-01		
	Slip Ring Paste	0.24%					
Plasstic rotor	Glass Reinforced Nylon	16.12%	Glass Fiber	65997-17-3	1.32E+00		
			Nylon 6	25038-54-4	6.60E+00		
			Acrylonitrile, polymer with styrene	9003-54-7	2.77E+00		
			Poly-paraphenylene terephthalamide	26125-61-1	6.60E-01		
			Polytetrafluoroethylene	9002-84-0	1.32E+00		
			Misc. Not to declare	N/A	5.28E-01		
LH3 Rotor Plastic	Glass Reinforced Nylon	15.56%	Glass Fiber	65997-17-3	1.27E+00		
			Nylon 6	25038-54-4	6.37E+00		
			Acrylonitrile, polymer with styrene	9003-54-7	2.68E+00		
			Poly-paraphenylene terephthalamide	26125-61-1	6.37E-01		
			Polytetrafluoroethylene	9002-84-0	1.27E+00		
			Misc. Not to declare	N/A	5.10E-01		
Star Rotor	Glass Reinforced Nylon	0.34%	Glass Fiber	65997-17-3	1.47E-02		
			Nylon 6	25038-54-4	1.47E-01		
			Acrylonitrile, polymer with styrene	9003-54-7	6.19E-02		
			Poly-paraphenylene terephthalamide	26125-61-1	1.47E-02		
			Polytetrafluoroethylene	9002-84-0	2.95E-02		
			Misc. Not to declare	N/A	1.18E-02		
Contact spring	Palladium Alloy	0.00%	Palladium	7440-05-3	1.90E-04		
			Nickel	7440-02-0	3.81E-04		
			Tin	7440-31-5	2.03E-04		
			Silver	7440-22-4	1.64E-04		
			Copper	7440-50-8	2.57E-04		
Coupling	Stainless Steel	5.03%	Iron	7439-89-6	2.88E+00		
			Chromium	7440-47-3	7.41E-01		
			Nickel	7440-02-0	4.12E-01		
			Misc. Not to declare	N/A	8.23E-02		
Hog ring	Stainless Steel	1.46%	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		
Grip Ring	Stainless Steel	1.46%	Iron	7439-89-6	8.36E-01		
			Chromium	7440-47-3	2.15E-01		
			Nickel	7440-02-0	1.43E-01		
Contact	Palladium Alloy	0.16%	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		
Flex circuit	Base laminate	3.02%	Copper	7440-50-8	2.47E+00		
			Polyurethane	618-449-1	8.54E-03		
	Adhesive A052300	0.04%	Polyester	113669-97-9	8.54E-03		
			Copolymer	25133-97-5	8.54E-03		
			Epoxy resin	24969-06-0	9.52E-03		
	Film	0.16%	Inorganic ingredient, not of declare	N/A	1.46E-03		
			Polymimide	63428-84-2	1.33E-01		
			Acrylinc Resin	9063-87-0	3.03E-02		
	Solder mask	0.04%	Inorganic ingredient, not of declare	N/A	7.75E-04		
Surface finish	Tin plating	0.02%	Tin	7440-31-5	1.82E-02		
	Flux	0.00%	Flux	8061-51-6	3.00E-04		
Absorbent apad	Polyester material	0.23%	Polyester resin	113669-95-7	1.81E-01		
			Misc. not to declare	N/A	9.50E-03		
Star Drive	Glass Reinforced Nylon	1.34%	Glass fiber	65997-17-3	3.74E-01		
			PPA	N/A	7.15E-01		
			Misc. not to declare	N/A	1.10E-02		
Cover	Glass Reinforced Nylon	3.37%	Glass fiber	65997-17-3	9.38E-01		
			PPA	N/A	1.79E+00		
			Misc. not to declare	N/A	2.76E-02		
Teflon Wahser	Teflon	1.06%	PTFE	9002-84-0	8.65E-01		
Thermal potting component	Nylon	3.54%	Polyamide	32131-17-2	2.61E+00		
			Misc. Not to declare	N/A	2.90E-01		
Label	Polyester label	0.05%	Polyethylene tereonthalate	25038-59-9	4.00E-02		
Total mass					81.90	grams	