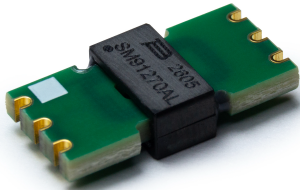


# MATERIAL DECLARATION SHEET



Material Number	SM91270AL			
Product Line	Power Transformer			
Compliance Date	2026-02-06			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Compositions\Substances	CASRN(if applicable)	Compositions Mass %	Composition Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Core	Mn-Zn Ferrite Magnet	0.488	Ferric oxide	1309-37-1	71	36.5062	51.4171
				Trimanganese tetraoxide	1317-35-7	24	12.3401	
				Zinc oxide	1314-13-2	5	2.5709	
2	PCB	EP-GF51	0.25069	Glass Fiber	65997-17-3	51.2	13.5237	26.4134
				Further additives	Not to declare	5	1.3207	
				Epoxy resin	Proprietary	43.8	11.5691	
		Electrolytic Copper Plating	0.1828	Copper	7440-50-8	99.95	19.2507	19.2604
				Miscellaneous	Proprietary	0.05	0.0096	
		Electroless Copper Plating	0.00509	Copper	7440-50-8	99.99	0.5362	0.5363
				Miscellaneous	Not to declare	0.01	0.0001	
		Electroless Nickel plating	0.00009	Nickel	7440-02-0	99.5	0.0094	0.00948
				Miscellaneous	Not to declare	0.5	0.00005	
		Electroless Gold plating	0.00005	Gold	7440-57-5	99.9	0.0053	0.00527
				Miscellaneous	Not to declare	0.1	0.00001	
			0.01371	Acrylic polyol resin	Proprietary	52.2	0.7540	1.4445

# MATERIAL DECLARATION SHEET



		Lacquer Acrylic polyol resin(Green solder mask ink)		Barium sulphate	7727-43-7	41.8	0.6038	
				Talc	14807-96-6	1	0.0144	
				Further additives	Not to declare	5	0.0722	
		Lacquer Acrylic resin(White ink)	0.00457	Acrylic resin	Proprietary	45	0.2167	0.4815
				Titanium dioxide	13463-67-7	7	0.0337	
				Aluminium hydroxide	21645-51-2	0.7	0.0034	
				2-Hydroxy-3-phenoxypropyl acrylate	16969-10-1	45	0.2167	
				Further additives	Not to declare	2.3	0.0111	
3	Adhesive	Adhesive acrylic	0.00072	Acrylates copolymer	25133-97-5	100	0.0759	0.0759
4	Adhesive	Adhesive EP	0.00338	Epoxy resin	38891-59-7	95	0.3383	0.3561
				Bentonite	1302-78-9	5	0.0178	
		Total weight	0.949					

**This Document was updated on: 2026-02-06**

**Important remarks:**

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