

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	HVMA03x100A-xxxxS			
Product Line	INDUCTOR			
Compliance Date	2025/07/18			
RoHS Compliant	Comply RoHS	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	CORE	MnZn-Ferrite	650	Iron manganese zinc oxide	12645-49-7	99.80	41.818	41.902
				others, not to declare	/	0.20	0.0838	
2	FIW6 Wire	Copper	36	Copper	7440-50-8	99.90	2.318	2.578
				Misc. not to declare	/	0.10	0.00232	
		PUR	4	Polyurethane	9009-54-5	99.00	0.255	
				others, not to declare	/	1.00	0.00258	
3	E&B-010H-3 Wire	Copper	72	Copper	7440-50-8	99.90	4.637	5.158
				Misc. not to declare	/	0.10	0.00464	
		PFA	7.2	(C2H4• C6F10O)n	26655-00-5	99.00	0.460	
				Misc. not to declare	/	1.00	0.00464	
		Tin	0.8	Tin	7440-31-5	99.20	0.0512	
				others, not to declare	/	0.80	0.000413	

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4	BOBBIN	PM9630	600	Phenol, polymer with formaldehyde	9003-35-4	50.00	19.339	38.680
				GF-Fiber	65997-17-3	45.00	17.406	
				Kaolin, calcined	92704-41-1	3.00	1.160	
				Fatty acids, tallow, hydrogenated	61790-38-3	1.00	0.387	
				Zinc stearate	557-05-1	0.50	0.194	
				Carbon black	1333-86-4	0.40	0.155	
				others, not to declare	/	0.10	0.0387	
5	SOLDER	Tin	168	Tin	7440-31-5	99.20	10.743	10.830
				Copper	7440-50-8	0.70	0.0758	
				others, not to declare	/	0.10	0.0108	
6	GLUE-G500	Epoxy Resin	10	Epoxy resin	25068-38-6	90.00	0.580	0.838
				Butylated Hydroxytoluene	128-37-0	6.00	0.0387	
				Bisphenol F Diglycidyl Ether	2095-03-6	4.00	0.0258	
	GLUE-E214HP	Epoxy Resin	3	Epoxy resin	25068-38-6	95.00	0.184	
				Treated fumed silica	67762-90-7	4.00	0.00774	
				Titanium dioxide	13463-67-7	1.00	0.00193	

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7	INK	INK	0.23	Nitrocellulose	9004-70-0	68.64	0.0102	0.0149
				Chromate(1-), bis(1-((2-hydroxy-5-nitrophenyl)azo)-2-naphthalenolato(2-))-, sodium	57206-81-2	7.60	0.00113	
				Chromate(1-), bis(1-((5-(1,1-dimethylpropyl)-2-(hydroxy-kappaO)-3-nitrophenyl)azo-kappaN1)-2-naphthalenolato(2-)-kappaO)-, sodium	57206-83-4	7.60	0.00113	
				Chromate(1-), (1-((2-hydroxy-4-nitrophenyl)azo)-2-naphthalenolato(2-))(1-((2-hydroxy-5-nitrophenyl)azo)-2-naphthalenolato(2-))-, sodium	59307-49-2	7.60	0.00113	

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				Chromate(1-), bis(1- ((2-hydroxy-4- nitrophenyl) azo)-2- naphthalenolato (2-))-, sodium	64611-73-0	7.60	0.00113	
				others, not to declare	/	0.96	0.000142	
		Total weight	1551.23mg					

This Document was updated on: 2025/07/18

Important remarks:

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