


# MATERIAL DECLARATION SHEET

# BOURNS®

Material Number	PM 2110 Series			
Product Line	High Current Toroid Inductor			
Compliance Date	01/01/2006			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material/ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Toroid core	Iron Powder	4.780	Iron Powder	7439-89-6	95.5	42.973	44.76
				Resin	Trade Secret	3.57	1.1190	
				Lubricant	67701-02-4	0.93	0.224	
		Blue Paint	1.94	Epoxy resin	25068-38-6	75	0.75	
				solvent naphtha	64742-95-6	15	0.15	
				titanium dioxide	13463-67-7	6.7	0.06	
				3-(2,3-epoxypropoxy) propyl trimethoxy	2530-83-8	3	0.03	
				para-nolylphenol	84852-15-3	0.3	0.003	
				Green Paint	1.94	Epoxy resin	25068-38-6	
		solvent naphtha	64742-95-6			15	0.15	
		3-(2,3-Epoxypropoxy) propyl trimethoxy	2530-83-8			9.7	0.09	
		Para-nolylphenol	84852-15-3			0.3	0.003	
		Copper	8.06			Copper	7440508	
				0.5	THEIC Polyester	26061-97-2	75	
Epoxy/Polyester	0.12	Polyamidimide con	25053-57-0		25			
		Tape	Epoxy/Polyester	0.12	Epoxy/polyester	None	62.5	0.670
Polymeric Adhesive	None				37.5	0.400		
4	Adhesive	Epoxy Resin	0.18	Epoxy Resin	25068-38-6	86.67	2.090	0.93
				Oxirane	2426-08-6	10.0	0.241	
				Silica, Amorphous	112945-52-5	3.33	0.080	
5	Solder	Tin	0.07	Tin	7440-31-5	95.2	0.381	0.36
				Silver	7440-22-4	3.8	0.015	
				Copper	7440-50-8	1.0	0.004	
				DAP Resin	25035-78-3	30	2.502	
6	Header	DAP	1.76	Aluminum Trihydroxide	21645-51-2	50	4.094	9.33
				Glass fiber	65997-17-3	30	2.729	
				<b>Total weight</b>		<b>19.35</b>		

Headquarters Riverside CA

www.bourns.com This Document was updated on: March 6, 2015

page 1 of 1

CASRN: CAS Registry Number® is a Registered Trademark of the American Chemical Society