

Example

Material data declaration / Umbrella Specification / MLCC

Product	Product name/ family name	Electronic component / 47xx	Content of the declaration	Composition declaration
	Identifier	4711	Version IEC Database	n.A.
	Package	TO263		
Company	Company	Name, Identifier Address	Date / Version	06.03.2018 / 1.0
	Contact	Name, E-Mail of contact person	Mass	1556,94
	Authorizer	Name, E-Mail of authorizer person	Unit	mg

Item / SubItem Name	ProductPart	Weight [mg]	Material name	Classification	Weight [mg]	Mass Percent	Substance Name	CAS #	Exemptions	Weight [mg]	Mass Percent	
MLCC 47 nF 5% X7R 25V 0603	Active part	4,35	ceramics	7.2	4,35	69	ceramic without declarable substances	pseudo substance	-	1,96	45	
							barium	7440-39-3	-	2,4	55	
	Inner electrode	0,68	nickel	3.4	0,68	10,8	nickel	7440-02-0	no prolonged skin contact expected	3,4	100	
	Termination	1,27		C1100	3.1	0,99	15,7	copper	7440-50-8	-	16,49	99,9 - 100
								misc., not to declare	system	-	0,008	Rest 0,05
				glass	7.2	0,11	1,8	glass without declarable substances	pseudo substance	-	0,109	99,9 - 100
								misc., not to declare	system	-	0,0001	Rest 0,05
				EP Ni	3.4	0,05	0,8	nickel	7440-02-0	no prolonged skin contact expected	0,049	99,95
								misc., not to declare	system	-	0,001	0 - 0,05
								tin	7440-31-5	-	0,119	99,95
				EP Sn	4.2	0,12	1,9	misc., not to declare	system	-	0,001	0 - 0,05

Legal evaluation	RoHS	The product fulfill the substance requirement Used exemption: - 7a, Lead in high melting temperature type solders
	REACH	The product does not contain substances named in Annex XVII and the candidate list of REACH above the reportable or restricted threshold values
	Biocide regulation (528/2012/EU)	The product does not contain substances which have been added to achieve biocidal function
Comment	<p>This material content declaration contains typical values of the respective groups as defined above. We expressly point out, that all values and statements contained herein are based on our best present knowledge and cannot be regarded as binding elements or binding product specifications, unless otherwise explicitly agreed in writing.</p> <p>This full material declaration is based on information provided by third parties and reasonable steps have been taken to provide representative and accurate information.</p> <p>The suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available.</p> <p>All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development.</p>	
Declarable substance List	e.g. GADSL, IEC62474 database, RISL,	
Threshold	as defined in list above	
MaterialClassList (in case classification is used)	VDA231-106	

Umbrella Specification (composition could be used also for the following parts)			
Identifier	Weight [mg]	Identifier	Weight [mg]
4712	10		
4713	16		
4714	20		

