

INSTRUCTIONS TO FILL IPC 1752-2 CLASS-6 FORM


Step-1 Click The reset tab in the second page of the IPC form (Marked in Green)

Save the fields in this form to a file	<input type="button" value="Export Data"/>	Import fields from a file into this form	<input type="button" value="Import Data"/>	Clear all of the fields on this form	<input type="button" value="Reset Form"/>	Lock the fields on this form to prevent changes	<input type="button" value="Lock Supplier Fields"/>
RoHS Material Composition Declaration						Clear all of the fields entered on ALL pages of the form	
RoHS Directive 2002/95/EC	RoHS Definition: Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium						
RoHS Declaration *						Supplier Acceptance *	
<p>Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.</p>							
Declaration Signature							
<p>Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.</p>							

Step-2 Go to First page and Fill the Details in the supplier fields (Marked Mandatory).

Note: Please select the following options.(Marked in Green)

1. Form Type = Request/Reply.
2. Declaration Class = Class-6 RoHS Yes/No, Homogenous Material and Mfg Information.
3. Please fill the total weight the component, UOM(Unit of Measurements), Unit Type.(Marked in Blue).
4. Please fill the part No in Mfr Item Number (Marked in Orange).
5. Please fill the Manufacturing Information in the corresponding Fields. Please Fill Comments if Necessary.

 Material Composition Declaration <small>© Copyright 2005, IPC, Bannockburn, Illinois. All rights reserved under both International and Pan-American copyright conventions.</small>		<small>This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.</small>			
<small>1752-2 1.1</small> <small>IPC Web Site for Information on IPC-1752 Standard</small> <small>http://www.ipc.org/IPC-1752</small>		<small>Adobe Reader version 7.0.5 is required to complete this declaration.</small>			
		Form Type * Request/Reply		Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Inform	
Lock Request Fields					
Requester Information					
Company Name *	Company Unique ID	Unique ID Authority	Request Date*	Request Document ID	Respond By Date
Contact Name *	Contact Title	Contact Phone *	Contact Email *	Requester Comments or URL for Additional Information	
My supplier ID	The File Type and Destination fields control how the form is submitted by the supplier. Contact your IT staff for configuration.		File Type	Destination - URL or Email Address	Supplier provides Mfr Item Version & Manufacturing Site.
Item Number *	Item Name	Mfr Item Number *	Mfr Item Name	Mfr Item Version	Manufacturing Site
		MFR No:12345			
Supplier Information					
Company Name *	Company Unique ID	Unique ID Authority	Response Date *	Response Document ID	
ZZZ-Manufacturer			2012-12-31		
Contact Name *	Title - Contact	Phone - Contact *	Email - Contact *	Duplicate Contact -> Authorized Representative	
First and Last Name		00X-25-1234567	example@cdm.co		
Authorized Representative *	Title - Representative	Phone - Representative *	Email - Representative *	Supplier Comments or URL for Additional Information	
First and Last Name		00X-25-1234567	example@cdm.co		
Requester Item Number	Mfr Item Number	Mfr Item Name	Effective Date	Version	Manufacturing Site
	MFR No:12345				
Alternate Recommendation			Alternate Item Comments		
Manufacturing Process Information					
Terminal Plating / Grid Array Material	Terminal Base Alloy	J-STD-020 MSL Rating	Peak Process Body Temperature	Max Time at Peak Temperature	Number of Reflow Cycles
			C	seconds	
Comments					

Step-3: Fill The Details in the Second Page.

Please Select the Following Details.

1. Declaration Type = Simplified
2. Supplier Acceptance = Accepted.
3. RoHS Declaration = whatever category the products falls (Under the 6 Category).
4. Please fill in the Digital Signature if you have. (This is not a mandatory Field).

Save the fields in this form to a file	<input type="button" value="Export Data"/>	Import fields from a file into this form	<input type="button" value="Import Data"/>	Clear all of the fields on this form	<input type="button" value="Reset Form"/>	Lock the fields on this form to prevent changes	<input type="button" value="Lock Supplier Fields"/>
RoHS Material Composition Declaration						Declaration Type *	Simplified
RoHS Directive 2002/95/EC	RoHS Definition: Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium						
Supplier certifies that it gathered the information it provides in this form concerning RoHS restrictive substances using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form.							
RoHS Declaration *	1 - Item(s) does not contain RoHS restricted substances per the definition above					Supplier Acceptance *	Accepted
Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.							
Declaration Signature							
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.							
Supplier Digital Signature							

Note: If RoHS Declaration Selected as Category 3 and 4 (Comes under yes-exempt or Pass with Exceptions).

A separate window pops up below. Please select the Exception, If more than one exception add one (Marked in Green).

RoHS Declaration *		4 - Item(s) does not contain RoHS restricted substances per the definition above except for selected exemptions	Supplier Acceptance *		Accepted
Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.					
Exemption List Version	EL-2006/690/EC				
+ -	5 Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.				
Declaration Signature					
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.					
Supplier Digital Signature					

Step-4 Fill the 3rd Page/Homogenous Material Information.

Please Enter the Homogenous Material Followed by Homogenous Weight and then select Unit of Measure.

Please select The Level = Supplier (If any restricted Substance Used select as needed).

Enter The Substance Category as required (Others, Metals Etc).

Enter The Substance Name as Required and CAS NO Corresponding to it. Enter the Substance Weight and UOM Accordingly.

Note-1: If a substance does not have a CAS No. Please Use Substance as "MISC., NOT TO DECLARE" and CAS as "SYSTEM".

For Adding More Material Press "+M". For Adding More Substance Press "+S". For Deleting any Use "-"

Note-2: For Jig Restricted Substance like Nickel Please select Level as B, Substance Category as Nickel and Select Nickel in Substance.

Note-3: Please find "Sample Data Declaration" in Next sheet for Clarification.

Note-4: The "Unit Measure" need to be "milligrams" (mg).

Homogeneous Material Composition Declaration for Electronic Products

SubItem Instructions: The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3]. enter the weight of the homogeneous material.

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).

Line Functions: +I Inserts a New Item /SubItem +M Inserts a new Material +C Inserts a new Substance Category +S Inserts a new Substance - Deletes the element line

+I	-I	Item/SubItem Name	+M	-M	Homogeneous Material	Weight	Unit of Measure	+C	-C	Level	Substance Category	+S	-S	Substance	CAS	Exempt	Weight	Unit of Measure	Tolerance		PPM
																			-	+	
		CAP (X5R/X7R/Z5U)			ceramic	0.83	mg			Supplier	Barium and its compo			BaTiO3	12047-27-7		0.724	mg	50	50	872,00
										Supplier	Manganese and its			MnO2	1313-13-9		0.106	mg	50	50	127,70
		internal electro				0.04	mg			Supplier	Nickel and its compo			Ni	7440-02-0		0.04	mg	50	50	1,000,00
		termination				0.06	mg			Supplier	Copper and its compo			Cu	7440-50-8		0.058	mg	50	50	980,70
										Supplier	glass oxide			glass, oxide, chemica	65997-17-4		0.002	mg	50	50	19,300,00
		plating				0.07	mg			Supplier	Nickel and its compo			Ni	7440-02-0		0.028	mg	50	50	400,00
										Supplier	Tin and its compo			Sn	7440-31-5		0.042	mg	50	50	600,00

Important Note: If A Restricted material Like lead is present, Please Select Corresponding Level, Substance Category and its Corresponding Exempt The exempt will be the among the one, which you have selected in the second page. Please select from the Drop down list. (Marked In Red).

Homogeneous Material Composition Declaration for Electronic Products

SubItem Instructions: The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3], enter the weight of the homogeneous material.

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).

Line Functions: +I Inserts a New Item /SubItem +M Inserts a new Material +C Inserts a new Substance Category +S Inserts a new Substance - Deletes the element line

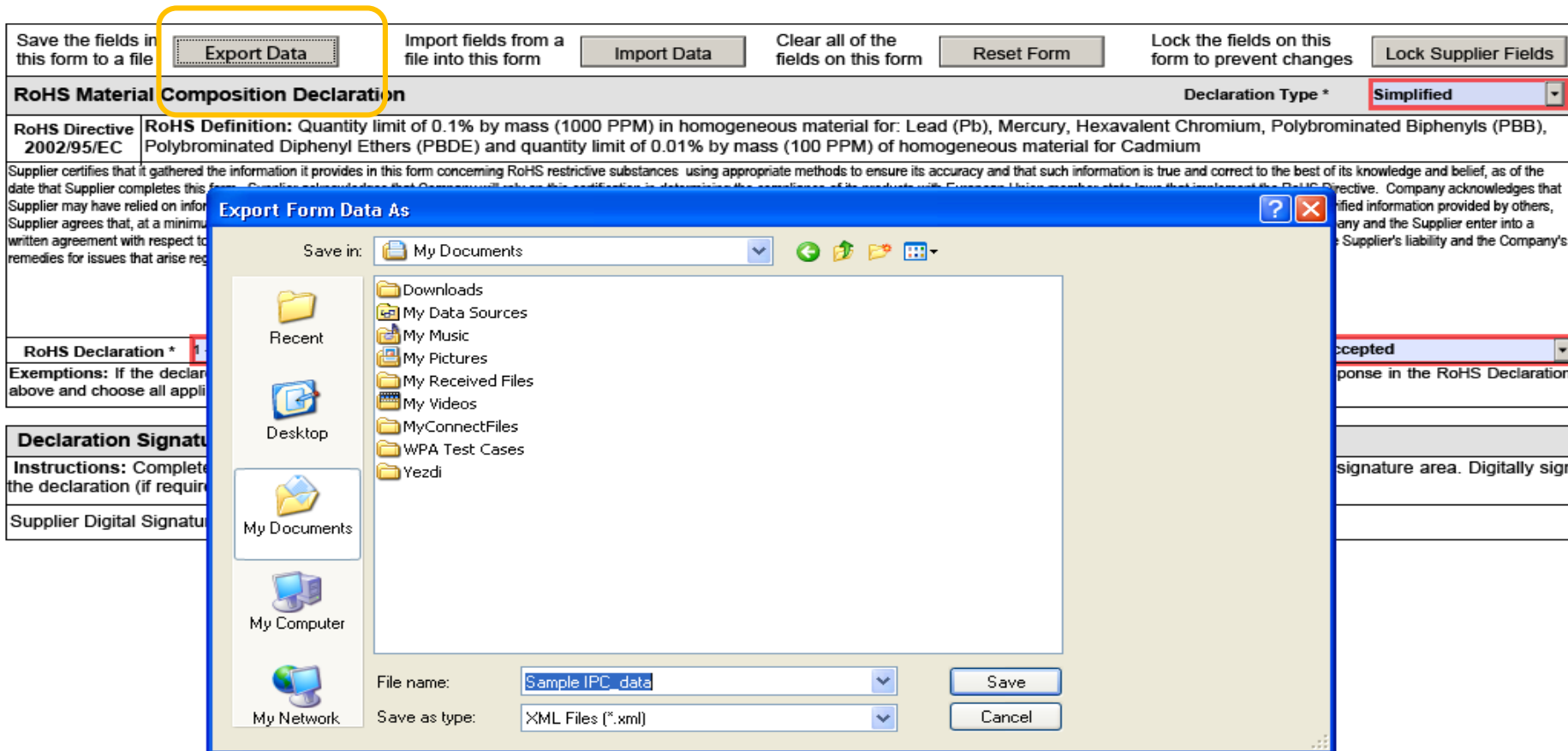
+I	-I	Item/SubItem Name	+M	-M	Homogeneous Material	Weight	Unit of Measure	+C	-C	Level	Substance Category	+S	-S	Substance	CAS	Exempt	Weight	Unit of Measure	Tolerance		PPM
																			-	+	
		CAP (X5R/X7R/Z5U)			ceramic	0.83	mg			Supplier	Barium and its compounds			BaTiO3	12047-27-8		0.724	mg	50	50	872.20
										Supplier	Manganese and its compounds			MnO2	1313-13-8		0.106	mg	50	50	127.70
					internal electrode	0.04	mg			Supplier	Nickel and its compounds			Ni	7440-02-0		0.04	mg	50	50	1,000.00
					termination	0.06	mg			Supplier	Copper and its compounds			Cu	7440-50-8		0.058	mg	50	50	980.70
										Supplier	glass oxide			glass, oxide, chemical	65997-17-8		0.002	mg	50	50	19,300.00
					plating	0.07	mg			Supplier	Nickel and its compounds			Ni	7440-02-0		0.028	mg	50	50	400.00
										Supplier	Tin and its compounds				7440-31-5		0.042	mg	50	50	600.00
										B	Arsenic/Arsenic Compounds			Lead arsenate	3687-31-8			mg			

- 1. Me
- 2a. M
- 2b. M
- 2c. M
- 3. Me
- 4. Me
- 5. Le
- 6a. L
- 6b. L

Step-5 Export The XML

Please go to page No 2.

Click the Export Data, Save as. Enter The Part No and Save the XML File.



The screenshot shows a web-based form titled "RoHS Material Composition Declaration". At the top, there are several buttons: "Export Data" (highlighted with a yellow box), "Import Data", "Reset Form", and "Lock Supplier Fields". Below these buttons, the form contains a "Declaration Type" dropdown menu set to "Simplified". The main body of the form includes a "RoHS Directive" section (2002/95/EC) and a "RoHS Definition" section. A large text area contains a certification statement. An "Export Form Data As" dialog box is open in the foreground, showing the "My Documents" folder selected. The "File name" field contains "Sample IPC_data" and the "Save as type" is set to "XML Files (*.xml)".

Sample Data Declaration

Manufacturer_ Name	Manufacturer_ PN	Package_ Mas(mg)	Component	Component weight	Substance_ Category	CAS_ Name	CAS_Code	Weight(mg)	%_Component	PPM	%_of_total_ weight	PPM_in_total_ weight
AVX	0402x(C,D,Z)xxx xxTxx	1.00	ceramic	0.8300	Barium and its compounds	BaTiO3	12047-27-7	0.724	87	872289. 2	72.4	724000
				0.0265	Manganese and its compounds	MnO2	1313-13-9	0.106	13	127710. 8	10.6	106000
			internal electrode	0.0400	Nickel and its compounds	Ni	7440-02-0	0.04	100	1000000	4	40000
			termination	0.0600	Copper and its compounds	Cu	7440-50-8	0.058	97	966666. 7	5.8	58000
					glass oxide	glass, oxide, chemical s	65997-17-3	0.002	3	333333. 3	0.2	2000
			plating	0.0700	Nickel and its compounds	Ni	7440-02-0	0.028	40	400000	2.8	28000
					Tin and its compounds (except organics)	Sn	7440-31-5	0.042	60	600000	4.2	42000