



IPC-1758

Declaration Requirements for Shipping, Pack and Packing Materials

Developed by the Supplier Declaration Subcommittee
of the Declaration of Shipping, Pack and Packing Materials
Task Group of IPC

Pre-publication:

March 2012

Users of this publication are encouraged to participate in the
development of future revisions.

Contact:

IPC
3000 Lakeside Drive, Suite 309S
Bannockburn, Illinois
60015-1249
Tel 847615.7100
Fax 847615.7105

Table of Contents

Foreword	1	Appendix E REACH Substances of Very High Concern (SVHC) List	21
1 SCOPE	1	Appendix F UML Model Characteristics for Packaging Declarations Standard	23
1.1 Purpose	1	Appendix G Verification Guidance	24
1.2 Classes	2		
2 APPLICABLE DOCUMENTS	3		
2.1 IPC Standards	3		
2.2 WC3	3		
3 REQUIREMENTS	3		
3.1 Terms and Definitions	4		
4 DATA MODEL	5		
5 MULTIPLE PACKING CONFIGURATIONS	6		
6 DESCRIPTION OF THE DATA FIELDS	7		
6.1 EU Packaging Directive (EU Directive on Packaging and Packaging Waste - 94/62/EC)	8		
6.2 REACH (Registration, Evaluation, Authorisation, and restriction of Chemicals) Article 67	8		
6.3 EU REACH SVHC Candidate List	9		
6.4 The Joint Industry Guide (JIG)-201 Material Composition Declaration for Packaging of Electrotechnical Products	9		
6.5 Custom Query	10		
6.6 Restricted use of Class B	10		
6.7 Material Composition Summary Declaration – Product Level (Class C)	10		
6.8 Additional Substances for Material Composition Declaration – Product Pack Level	11		
6.9 Other Documentation	12		
7 IMPLEMENTATION GUIDELINES	12		
7.1 Applicability of 1751A Section 9	12		
7.2 1758 Rules to Extend Schema Constraints	12		
Appendix A Additional References	13		
Appendix B Field Mapping and Descriptions	14		
Appendix C EU Packaging Directive Substances	16		
Appendix D JIG-201 Material Composition Declaration for Packaging of Electrotechnical Products	17		
		Figures	
		Figure 1-1 Representation of 1751 Schema to Include Packing Information	1
		Figure 1-2 Name Configurations of Sectional and SubSectional	2
		Figure 1-3 XML Schema for Classification Descriptions (Only A, B, C Apply)	3
		Figure 4-1 Design Data Model for IPC-1758 Pack and Packing Material Declaration Requirements	5
		Figure 5-1 Data Model for SubSectional Use Case description through name Attribute string	6
		Figure 6-1 Query list UML Example	7
		Figure 6-2 Query List Description Characteristics	8
		Figure F-1 UML Model Characteristics for Materials Declarations Standard	23
		Tables	
		Table 1-1 Material Declaration Classification	3
		Table B1-1 Field Attributes of Product Information Section	14
		Table B1-2 Field Attributes of Class A Query List	14
		Table B1-3 Field Attributes of Class B Material Groups	14
		Table B1-4 Field Attributes of Class C Packing Material Declaration	15
		Table B1-5 Other Material Composition Declaration for Material Summary (Class C)	15
		Table C1-1 Packaging Substances	16
		Table D1-1 JIG-201 List of Restricted Substances	18
		Table D1-2 JIG-201 List of Assessment Only Substances	20
		Table D1-3 JIG-201 List of Informational Substances	20
		Table E1-3 REACH SVHCs Published on 06/20/2011 Not in JIG-201 (Include Rev/Edition #)	21

Generic Requirements for Declaration of Shipping, Pack and Packing Materials

Foreword

This standard addresses the industry need for exchange of information regarding the materials used to protect products during shipment between supply chain partners. This standard is one of several in the **175x** series of standards that permits segmentation of declaration details based on the subject and scope of the declaration. This standard describes essential information exchange content with respect to packing, supplemented by regulation references for materials, marking, recycling information and recycled content that may be desired to complete the data package.

1 SCOPE

This standard establishes the requirements for exchanging packing declarations between members of a supply chain. Section 3.1 Terms and Definitions defines “packing.” Although this standard contains only generic information regarding packing declaration, when combined with the latest version of the IPC-1751 sectional standard, the resulting document set defines the declaration information.

This standard pertains to both hard copy and electronic data descriptions. This standard provides for the creation of a record between trading partners, and therefore the data communicated may be used to help support and demonstrate due diligence in any subsequent representation based upon its contents. This standard is not intended for use by the public when making purchasing decisions.

1.1 Purpose

The purpose of this standard is to establish a data exchange standard for packing related information including a method for declaration of substance content and recycled content of packing materials between suppliers and their customers. The form, structure, and content of the declaration are intended to be conveyed electronically in a standard format, thereby providing consistency, efficiency, and integrity to the declaration process.

In order to facilitate the incorporation of this sectional standard into the XML schema, it is required that the appropriate element be identified. This is accomplished through the description of the “Include” element as defined in Figure 1.1.

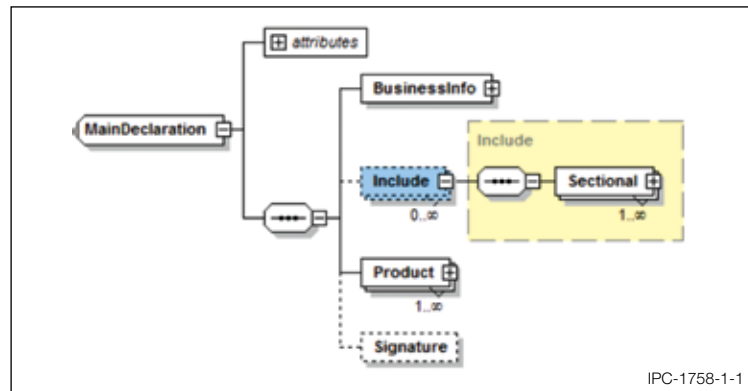


Figure 1-1 Representation of 1751 Schema to Include Packing Information

This sectional standard may be invoked several times depending on the nature of the Material Declaration Classification (see 1.2) and the appropriate “Use Case” describing Multiple Packing Configurations (see 5.) Each time this sectional is included in the “MainDeclaration” file, the name of the sectional **shall** be used.

The enumerated string “name” for the requirements of the IPC-1758 is identified as “PackingProductsDeclaration” as shown in Figure 1-2. The “names” of the subsections refer to the Declaration Classification and the Multiple Packing Configuration.