



DANGEROUS GOODS PANEL (DGP) MEETING OF THE WORKING GROUP OF THE WHOLE

Auckland, New Zealand, 4 to 8 May 2009

Agenda Item 5: Resolution, where possible, of the non-recurrent work items identified by the Air Navigation Commission or the panel
5.4: Reformatting of the packing instructions

CLASS 1 PACKING INSTRUCTIONS

(Presented by R. Richard)

SUMMARY

The purpose of this paper is to provide further notification and discussion on the reformatted Packing Instructions for Class 1.

1. INTRODUCTION

1.1 While actions to align the Packing Instructions in the Technical Instructions for the Safe Transport of Dangerous Goods by Air for Class 1 in the reformatted structure for the 2011 -2012 edition have been underway, discussion on specific portions are still needed. The information in the reformatted packing instructions is in the UN Model Regulations. There are several questions that appear to need panel input prior to finalizing this draft.

2. ISSUES

2.1 The Compatibility requirements for Packing Instructions 131, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, and 143 should be reviewed to ensure that they are applicable to the appropriate articles.

2.2 Packing instruction 134 has inconsistent terminology with regards to the appropriate “Bag” materials allowed in the inner quantity for combination packaging.

2.3 In packing Instructions 136 there is a discrepancy with the words partitions and portions. This discrepancy should be discussed and the appropriate phrasing should be implemented.

2.4 There was a question regarding the allowance of plastic boxes in packing instruction 133, however they are not included in packing instruction 137.

2.5 In packing instruction 138, plastic, solid (4H2) and plastics, removable head (1H2) are both allowed, however, plastics; expanded (4H1) are not, this working group is asked why this is.

3. REFORMATTED PACKING INSTRUCTIONS

CLASS 1 – EXPLOSIVES

Parts of this chapter are affected by State Variations BE 2; see Table A-1

3.1 Packing Group

Packaging must conform to the requirements of 6;1 and must meet the test requirements of 6;4.1 for Packing Group II, subject to 1.1.17 and 6;1.2.7. However, packaging, other than metal packaging, meeting the test criteria of Packing Group 1 may be used.

3.2 General Requirements

3.2.1 The general packing requirements of 4;1 must be met.

3.2.2 All packaging for Class 1 explosives must be so designed and constructed that:

- a) they will protect the explosives, prevent them from escaping and cause no increase in the risk of unintended ignition or initiation when subjected to normal conditions of transport including foreseeable changes in temperature, humidity and pressure;
- b) the complete package can be handled safely in normal conditions of transport; and
- c) packages will withstand any loading imposed on them by foreseeable stacking to which they will be subject during transport so that they do not add to the risk presented by the explosives, the containment function of the packagings is not harmed, and they are not distorted in a way or to an extent which will reduce their strength or cause instability of a stack

3.2.3 All explosives substances and articles, as prepared for transport, must have been classified in accordance with the procedures detailed in 2;1.5.

3.3 General Packing Provisions

3.3.1 The general provisions detailed below are in additions to those in Part 4, Chapter 1.

3.3.1.1 The closure device of packaging containing liquid explosives must ensure a double protection against leakage.

3.3.1.2 The closure device of metal drums must include a suitable gasket; if a closure device includes a screw – thread, the ingress of explosive substances into the screw –thread must be prevented.

3.3.1.3 Packagings for water soluble substances must be water – resistant.

3.3.1.4 When the packaging includes double envelope filled with water which may freeze during transport, a sufficient quantity of an anti- freeze agent must be added to the water to prevent freezing. Anti – freeze that could create a fire hazard because of its inherent flammability must not be used.

3.3.1.5 Nails, staples and other closure devices made of metal without protective covering must not penetrate to the inside of the outer packaging unless the inner packaging adequately protects the explosives against contact with the metal.

3.3.1.6 Inner packaging, fittings and cushioning materials and the placing of explosive substances or articles in packages must be accomplished in a manner which prevents the explosive substance or articles from becoming loose in the outer packaging under normal conditions of transport. Metallic components of articles must be prevented from making contact with metal packagings. Articles containing explosive substances not enclosed in an outer casing must be separated from each other in order to prevent friction and impact. Padding, trays, partitioning the inner or outer packaging, mouldings or receptacles may be used for this purpose.

3.3.1.7 Packagings must be made of materials compatible with, and impermeable to, the explosives contained in the package, so that neither interaction between the explosives and the packaging materials, nor leakage, causes the explosive to become unsafe to transport, or the hazard division or compatibility group to change.

3.3.1.8 The ingress of explosive substances into the recesses of seamed metal packagings must be prevented.

3.3.1.9 Plastic packagings must not be liable to generate or accumulate sufficient static electricity so that a discharge could cause the packaged explosive substances or articles to initiate, ignite or function

3.3.1.10 Explosive substances must not be packed in inner or outer packagings where the difference in internal and external pressures, due to thermal or other effects, could cause an explosion or rupture of the package

3.3.1.11 Whenever loose explosive substances or the explosive substance of an uncased or partly cased article may come into contact with the inner surface of metal packagings (1A2, 1B2, 4A,4B and metal receptacles), the metal packaging must be provided with an inner liner or coating (see 1.1.3)._

3.3.1.12 Packing Instruction 101 may be used for any explosive provided the package has been approved by an appropriate national authority regardless of whether the packaging complies with the packing instruction assignment in the Dangerous Goods List.

3.3.1.13 Electro –explosive devices must be adequately protected against electro – magnetic radiation and stray currents.

3.3.1.14 Large and robust explosive articles, normally intended for military use, without their means of initiation or without their means of initiation containing at least two effective protective features, may be carried unpackaged. When such articles have propelling charges or are self-propelled, their ignition systems must be protected against stimuli encountered during normal conditions of transport. A negative result in Test Series 4 on an unpackaged article indicates that the article can be considered for transport unpackaged. Such unpackaged articles may be fixed to cradles or contained in crates or other suitable handling, storage or launching devices in such a way that they will not become loose during normal conditions of transport.

3.3.1.14.1 Where such large explosive articles are, as part of their operational safety and suitability tests, subject to test regimes that meet the intentions of these Instructions and such tests have been successfully undertaken, the appropriate national authority may approve such articles to be transported under these instructions.

Note 1 – The term receptacles used in the Inner and Intermediate packaging columns of this table includes boxes , bottles, cans, drums, jars and tubes, including any means of closure.

Note 2 – Reels are devices made of plastic, wood, fibreboard, metal or other suitable material comprising a central spindle with, or without, sidewalls at each end of the spindle. Articles and substance can be wound onto the spindle and may be retained by side walls.

Note 3 – Trays are sheets or metal, plastics, wood fibreboard or other suitable material which are placed in the inner, intermediate or outer packaging and achieve a close –fit in such packaging. The surface of the tray may be shaped so that packagings or articles can be inserted, held secure and separated from each other.

Packing Instructions 101
Passenger aircraft
<p>Only packaging which are approved by the competent authority may be used. The State's distinguishing sign for motor vehicles in international traffic of the country for which the authority acts, shall be marked on the transport documents as follows:</p> <p>“Packaging approved by the competent authority of ...”</p>

Packing Instruction 114 (b)			
Cargo Aircraft only			
General requirements			
Part 4, Chapter 1.1, 2,3,3.3 – 3.3 requirements must be met			
1) Compatibility requirements			
— This packing instructions applies to solid dry substances			
Packaging			
<i>Inner Packaging</i>	<i>Intermediate Packaging</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per package CARGO</i>
Bags- paper, kraft plastics, textile, sift-proof, woven plastics, sift-proof	None	Forbidden	75 Kg
Receptacles – fibreboard, metal, paper, plastics, woven plastics, shift - proof			
ADDITIONAL PACKING REQUIREMENTS FOR COMBINATION PACKAGINGS			
For UN0077,0132,0234,0235, and 0236 packaging must be lead free			
For UN 0508, metal packaging must not be used			
For UN0160, 0161 and 0508, inner packaging are not necessary if drums are used a the outer packaging			

For UN0160 and UN0161 when metal drums (1A2 or 1B2) are used as outer packaging, metal packaging must also be constructed that the risk of explosion, by reason of increase internal pressure from internal or external causes is prevented.

OUTER PACKAGINGS

Boxes

Fibreboard (4G)
Natural wood (4C1, 4C2)
Plywood (4D)
Reconstituted wood (4F)

Drums

Aluminium (1B2)
Fibre (1G)
Plastics (1H2)
Steel (1A2)
Plywood (1D)

Packing Instructions 130

Passenger and Cargo aircraft only

General requirements

Part 4, Chapter 1.1, 1.1.9,2,3,3.1 – 3.3 requirements

Packaging				
<i>Material</i>	<i>Inner Packaging</i>	<i>Intermediate packaging</i>	<i>Total net Quantity for PASSENGER</i>	<i>Total net Quantity for CARGO</i>
UN0297,0300, 0301,0303, 0344,0347, 0362,0363, 0370,0412, 0425,0435, 0437,0438	Not necessary	Not necessary	Forbidden	75 Kg
UN0345			25 Kg	
UN0186			Forbidden	

ADDITIONAL PACKING REQUIREMENTS FOR COMBINATION PACKAGINGS

The following applies to UN Nos. 0006, 0009, 0010, 0015, 0016, 0018, 0019, 0034, 0035, 0038, 0039, 0048, 0056, 0137, 0138, 0168, 0169, 0171, 0181, 0182, 0183, 0186, 0221, 0243, 0244, 0245, 0246, 0254, 0280, 0281, 0286, 0287, 0297, 0299, 0300, 0301, 0303, 0321, 0328, 0329, 0344, 0345, 0346, 0347, 0362, 0363, 0370, 0412, 0424, 0425, 0434, 0435, 0436, 0437, 0438, 0451, 0488 and 0502: Large and robust explosives articles, normally intended for military use, without their means of initiation or with their means of initiation containing at least two effective protective features, may be carried unpackaged. When such articles have propelling charges or are self-propelled, their ignition systems shall be protected against stimuli encountered during normal conditions of transport. A negative result in Test Series 4 on an unpackaged article indicates that the article can be considered for transport unpackaged. Such unpackaged articles may be fixed to cradles or contained in crates or other suitable handling devices.

[UN0238 is listed in TIs BUT NOT in UN, UN502 has been added as it is in UN but not TIs]

[All the UN nos. marked in red are Forbidden/Forbidden BUT appear in the current PI]

OUTER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Boxes</i>	<i>Drums</i>
Aluminium (4B)	Aluminium (1B2)
Fibreboard (4G)	Fibre (1G)
Natural wood (4C1, 4C2)	Plastic (1H2)
Plastic (4H1, 4H2)	Plywood (1D)
Plywood (4D)	Steel (1A2)
Reconstituted wood (4F)	
Steel (4A)	

Packing Instructions 131

Cargo aircraft

General requirements

This packaging instruction applies to solid dry substances

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
Other substances	Forbidden	75 Kg
UN0455, UN0456		100 Kg

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Bags</i>	<i>Receptacles</i>	<i>Reels</i>
Paper,kraft	Fibreboard	
Plastics	Metal	
	Plastics	
	wood	

ADDITIONAL PACKING REQUIREMENTS FOR COMBINATION PACKAGINGS

For UN Nos. 0029, 0267, and 0455, bags and reels shall not be used as inner packaging

OUTER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Boxes</i>	<i>Drums</i>
Aluminium (4B)	Aluminium (1B2)
Fibreboard (4G)	Fibre (1G)
Natural wood (4C1, 4C2)	Plastic (1H2)
Plastic (4H1, 4H2)	Plywood (1D)
Plywood (4D)	Steel (1A2)
Reconstituted wood (4F)	
Steel (4A)	

Packing Instructions 133**Passenger and Cargo aircraft****General requirements**

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
Other substances	Forbidden	75 Kg
UN0044, UN0366,UN0376	25 Kg	
UN0455, UN0456	Forbidden	100 Kg

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Trays fitted with dividing partitions</i>	<i>Receptacles</i>
Fibreboard	Fibreboard
Wood	Metal
Plastics	Plastics
	Wood

ADDITIONAL PACKING REQUIREMENTS FOR COMBINATION PACKAGINGS

Receptacles are only required as intermediate packaging when the inner packaging are trays

For UN Nos. 0043, 0212, and 0225, 0268, 0306, trays shall not be used as inner packaging

OUTER PACKAGINGS OF COMBINATION PACKAGINGS

Boxes

- Aluminium (4B)
- Fibreboard (4G)
- Natural wood (4C1, 4C2)
- Plastic (4H1, 4H2)
- Plywood (4D)
- Reconstituted wood (4F)
- Steel (4A)

Packing Instruction 134

Passenger and cargo only

General requirements

Part 4, Chapter 1.1, 2,3, 3.1 – 3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
Substances	25Kg	100 Kg

INNER PACKING REQUIREMENTS FOR COMBINATION PACKAGINGS

<i>Bags</i>	<i>Receptacles</i>	<i>Sheets</i>	<i>Tubes</i>
Water resistant	Fibreboard	Fibreboard, corrugated	fibreboard
	Metal		
	Plastics		
	Wood		

OUTER PACKAGINGS*Boxes*

Aluminium (4B)
Fibreboard (4G)
Natural wood (4C1, 4C2)
Plastics (4H1, 4H2)
Plywood (4D)
Reconstituted wood (4F)
Steel (4A)

Drums

Aluminium (1B2)
Fibre (1G)
Plastics (1H2)
Steel (1A2)
Plywood (1D)

Packing Instructions 135**Passenger and Cargo aircraft****General requirements**

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
Other substances	Forbidden	75 Kg
UN0193,UN0337, UN0373, UN0404, UN0432	25 Kg	

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Bags</i>	<i>Receptacles</i>	<i>Sheets</i>
Plastic	Fibreboard	plastic
Paper	Metal	paper
	Plastics	
	Wood	

OUTER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Boxes</i>	<i>Drums</i>
Aluminium (4B)	Aluminium, removable head (1B2)
Fibreboard (4G)	Fibreboard (1G)
Natural wood (4C1, 4C2)	Plywood (1D)
Plastic (4H1, 4H2)	Plastics, removable head (1H2)
Plywood (4D)	Steel, removable head (1 A2)
Reconstituted wood (4F)	
Steel (4A)	

Packing Instructions 136

Passenger and Cargo aircraft

General requirements

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
Other substances	Forbidden	75 Kg
UN0055	25 Kg	

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Bags</i>	<i>Receptacles</i>	<i>Dividing Partitions in the outer packaging</i>
Plastic	Fibreboard	
Textile		
	Plastics	
	Wood	

OUTER PACKAGINGS OF COMBINATION PACKAGINGS*Boxes*

Aluminium (4B)

Fibreboard (4G)

Natural wood (4C1, 4C2)

Plastic (4H1, 4H2)

Plywood (4D)

Reconstituted wood (4F)

Steel (4A)

*Drums*Aluminium, removable head
(1B2)

Fibreboard (1G)

Plywood (1D)

Plastics, removable head (1H2)

Steel, removable head (1 A2)

Packing Instructions 137**Passenger and Cargo aircraft****General requirements**

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
UN0440	Forbidden	75 Kg
UN0441, 0445	25 Kg	100 Kg

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Bags</i>	<i>Dividing partitions in the outer packaging</i>	<i>Tubes</i>	<i>Boxes</i>
Plastic		Fibreboard	fibreboard
		Metal	
		plastics	

ADDITIONAL PACKING REQUIREMENTS

For UN Nos. 0059, 0439, 0440, and 0441, when the shaped charges are packed singly, the conical cavity shall face downwards and the package marked "THIS SIDE UP". When the shaped charges are packed in pairs, the conical cavities shall face inwards to minimize the jetting effect in the event of accidental initiation.

OUTER PACKAGINGS OF COMBINATION PACKAGINGS

Boxes

- Aluminium (4B)
- Fibreboard (4G)
- Natural wood (4C1, 4C2)
- Plastic (4H1, 4H2)
- Plywood (4D)
- Reconstituted wood (4F)
- Steel (4A)

Packing Instructions 138

Cargo aircraft

General requirements

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
UN0440	Forbidden	75 Kg

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Bags</i>
Plastic

ADDITIONAL PACKING REQUIREMENTS

If the ends of the articles are sealed, inner packaging are not necessary

OUTER PACKAGINGS OF COMBINATION PACKAGINGS*Boxes*

Aluminium (4B)

Fibreboard (4G)

Natural wood (4C1, 4C2)

Plastic (4H2)

Plywood (4D)

Reconstituted wood (4F)

Steel (4A)

*Drums*Aluminium, removable head
(1B2)

Fibreboard (1G)

Plywood (1D)

Plastics, removable head (1H2)

Steel, removable head (1A2)

Packing Instructions 139**Cargo aircraft****General requirements**

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
	Forbidden	75 Kg

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Bags</i>	<i>Receptacles</i>	<i>Reels</i>	<i>Sheets</i>
Plastic	Fibreboard		Paper
	Metal		plastics
	Plastic		
	wood		

ADDITIONAL PACKING REQUIREMENTS

For UN Nos. 0065, 0102, 0104, 0289 and 0290, the ends of the detonating cord shall be sealed, for example, by a plug firmly fixed so that the explosive cannot escape. The ends of flexible detonating cord shall be fastened securely.

For UN 0065 and UN 0289, inner packaging are not required when they are in coils

OUTER PACKAGINGS OF COMBINATION PACKAGINGS

Boxes

Drums

Aluminium (4B)

Aluminium, removable head (1B2)

Fibreboard (4G)

Fibreboard (1G)

Natural wood (4C1, 4C2)

Plywood (1D)

Plastic (4H2)

Plastics, removable head (1H2)

Plywood (4D)

Steel, removable head (1A2)

Reconstituted wood (4F)

Steel (4A)

Packing Instructions 140

Passenger and Cargo aircraft

General requirements

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
UN0066	Forbidden	75 Kg
UN0105	25 Kg	100 Kg

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Bags</i>	<i>Reels</i>	<i>Sheets</i>
Plastic		Paper, kraft
		plastics

ADDITIONAL PACKING REQUIREMENTS

For UN0105, no inner packaging are required if the ends are sealed

For UN01011, the packaging shall be sift – proof excepts when the fuse is covered by a paper tube and both ends of the tube are covered with removable caps.

For UN 0101, steel or aluminium boxes or drums shall not be used

OUTER PACKAGINGS OF COMBINATION PACKAGINGS*Boxes*

Aluminium (4B)

Fibreboard (4G)

Natural wood (4C1, 4C2)

Plastic (4H2)

Plywood (4D)

Reconstituted wood (4F)

Steel (4A)

*Drums*Aluminium, removable heads
(1B2)

Fibreboard (1G)

Plywood (1D)

Plastics, removable (1H2)

Steel, removable (1A2)

Packing Instructions 141**Passenger and Cargo aircraft****General requirements**

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
UN0257, 0317, 0410, 0452	Forbidden	75 Kg
UN0110, 0367, 0368	25 Kg	100 Kg

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Receptacles</i>	<i>Trays, fitted with dividing partitions</i>	<i>Dividing partitions in the outer packaging</i>
Fibreboard	Plastics	
Metal	wood	
Plastics		
Wood		

OUTER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Boxes</i>	<i>Drums</i>
Aluminium (4B)	Aluminium, removable heads (1B2)
Fibreboard (4G)	Fibreboard (1G)
Natural wood (4C1, 4C2)	Plywood (1D)
Plastic (4H2)	Plastics, removable (1H2)
Plywood (4D)	Steel, removable (1A2)
Reconstituted wood (4F)	
Steel (4A)	

Packing Instructions 142

Passenger and Cargo aircraft

General requirements

Part 4, Chapter 1.1,1.1.9,2,3,3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
substances	Forbidden	75 Kg
UN0131, 0454	25 Kg	100 Kg

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Bags</i>	<i>Receptacles</i>	<i>Trays, fitted with dividing partitions</i>	<i>Dividing partitions in the outer packaging</i>
Plastic	Fibreboard	plastics	
Paper	Metal	wood	
	plastics		
	wood		

OUTER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Boxes</i>	<i>Drums</i>
Aluminium (4B)	Aluminium, removable heads (1B2)
Fibreboard (4G)	Fibreboard (1G)
Natural wood (4C1, 4C2)	Plywood (1D)
Plastic (4H2)	Plastics, removable (1H2)
Plywood (4D)	Steel, removable (1A2)
Reconstituted wood (4F)	
Steel (4A)	

Packing Instructions 143**Cargo aircraft****General requirements**

Part 4, Chapter 1.1, 1.1.9, 2, 3, 3.1-3.3 requirements must be met

Packaging		
<i>Material</i>	<i>Total Quantity per Package PASSENGER</i>	<i>Total Quantity per Package CARGO</i>
substances	Forbidden	75 Kg

INNER PACKAGINGS OF COMBINATION PACKAGINGS

<i>Bags</i>	<i>Receptacles</i>	<i>Trays, fitted with dividing partitions</i>
Plastic, Kraft	Fibreboard	wood
Paper	Metal	Plastics
Textile	plastics	
Textile, rubberized		

ADDITIONAL PACKING REQUIREMENTS

For UN Nos. 0271, 0272, 0415 and 0491, when metal packaging are used, metal packaging shall be so constructed that the risk of explosion, by reason of increase in internal pressure from internal or external causes is prevented

Instead of the above inner and outer packaging, composite packaging (6HH2) (plastic receptacle with outer solid box) may be used

OUTER PACKAGINGS OF COMBINATION PACKAGINGS

Boxes

Aluminium (4B)

Fibreboard (4G)

Natural wood (4C1, 4C2)

Plastic (4H2)

Plywood (4D)

Reconstituted wood (4F)

Steel (4A)

Drums

Aluminium, removable heads
(1B2)

Fibreboard (1G)

Plywood (1D)

Plastics, removable (1H2)

Steel, removable (1A2)

— END —