Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

Sub-Committee of Experts on the Transport of Dangerous Goods 1 December 2016

Fiftieth session
Geneva, 28 November-6 December 2016
Item 2 (c) of the provisional agenda
Recommendations made by the Sub-Committee on its forty-seventh, forty-eighth and forty-ninth sessions and pending issues: listing, classification and packing

Transport of Category A infectious wastes

Transmitted by the experts from the United Kingdom, Canada and Germany

Proposal

6..4.3.1.2: Amend the text of table 1.4.1 related to infectious substances to read as follows (new text underlined):

"Division 6.2 infectious substances of Category A (UN Nos. 2814 and 2900), medical or medical waste of Category A (UN No. 35XX)"

Amend 2.6.3.2.1 to read as follows (new text underlined):

"2.6.3.2.1 Infectious substances shall be classified in Division 6.2 and assigned to UN 2814, UN 2900, UN3291, UN 3373 or UN 35XX, as appropriate."

Amend sub-paragraph (a) of 2.6.3.2.3.9 as follows (new text underlined):

"(a) Medical waste (UN 3291 and UN 35XX)"

Amend 2.6.3.5 to read as follows (new text underlined, old text ~~stricken through~~):

"2.6.3.5.1 Medical or clinical wastes containing Category A infectious substances shall be assigned to UN 2814,UN 2900 or UN 35XX, as appropriate~~.~~

Amend Table A of Chapter 3.2 as follows: UN3291 add Category B to the proper shipping name, delete the packing group in Column 5 (packing groups not assigned to class 6.2, see 2.0.1.3) and create a new entry for Category A waste material:

UN No.	Name and description	Class or division	Subsi-diary risk	UN packing group	Special provi-sions	Limited and excepted quantities		Packagings and IBCs		Portable tanks and bulk containers	
								Packing instruction	Special packing provisions	Instruc-tions	Special provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)
-	3.1.2	2.0	2.0	2.0.1.3	3.3	3.4	3.5	4.1.4	4.1.4	4.2.5 / 4.3.2	4.2.5
3291	CLINICAL WASTE CATEGORY B, UNSPECIFIED , N.O.S. or (BIO) MEDICAL WASTE CATEGORY B, N.O.S. or REGULATED MEDICAL WASTE CATEGORY B, N.O.S	6.2		-		0	E0	P621 IBC620 LP621		BK2	
35XX	MEDICAL WASTE CATEGORY A, UNSPECIFIED , N.O.S.	6.2		-	XXX	0	E0	P62X LP62X	PPxx LPxx		

Amend Appendix A (List of Generic or n.o.s. proper shipping names). For 3291 amend entry to read as presented in Table A example above. Add at the end in the Division 6.2 Specific entries section the new number 35XX and the text for Category A as in the example above; and

Amend the index in 3 places to add CATEGORY B to existing UN3291 proper shipping names. Add in 3 places the CATEGORY A proper shipping names as in Table A example above.

Insert the following new special provision

"XXX This entry shall not be used for waste from bio research."

P62X	**PACKING INSTRUCTION**	**P62X**
This instruction applies to UN No. 35XX		
The following packagings are authorized provided that the general provisions of **4.1.1** and **4.1.3** are met:		
Inner packagings	**Intermediate packagings**	**Outer packagings**
glass metal plastics	metal plastics	**Boxes** steel (4A) aluminium (4B) other metal (4N) plywood (4D) fibreboard (4G) plastics, solid (4H2) **Drums** steel (1A2) aluminium (1B2) other metal (1N2) plastics (1H2) **Jerricans** steel (3A2) aluminium (3B2) plastics (3H2)
Packagings shall conform to the packing group I performance level for solids		
Additional requirements: The height of the drop test in accordance with 6.1.5.3 shall be 9 m or the capability of the packaging shall be evaluated by an equivalent method as authorized by the Competent Authority.		

The inner or the intermediate packaging shall be capable of passing a leakproofness test according to 6.1.5.4. The air pressure to be applied shall be not less than 30 kPa.

Glass inner packagings shall be contained in rigid intermediate packagings only.

Inner packagings containing sharp objects such as broken glass and needles shall be resistant to puncture and capable of retaining liquids.

The components of the packaging shall be disinfected as appropriate and in accordance with recommendations of the Competent Public Health Authority. Inner packaging and the intermediate packaging may be flexible.When flexible packagings are used, they shall be capable of passing the tests for tear and impact resistance according to ISO 7765-1:1988 "Plastics film and sheeting – Determination of impact resistance by the free-falling dart method – Part 1: Staircase methods" and ISO 6383-2:1983 "Plastics – Film and sheeting – Determination of tear resistance – Part 2: Elmendorf method". Each bag shall have an impact resistance of at least 165 g and a tear resistance of at least 480 g in both parallel and perpendicular planes with respect to the length of the bag. The maximum net mass of each plastics bag shall be 30 kg.

Each flexible intermediate packaging shall contain only one inner packaging.

Inner packagings containing a small amount of free liquid may be included in intermediate packages providing that there is sufficient absorbent material in the intermediate to absorb all the liquid content present and the outer packaging is capable of retaining liquids.

Special packing provision:

PPxx This packaging may only be used when it is directly consigned to an incinerator or an authorised final disposal facility. The Competent Authority may specify special approval marks for the transport. Other consignments using this packaging will require Competent Authority approval.

LP62X	**PACKING INSTRUCTION**	**LP62X**
This instruction applies to UN No. 35XX		
The following large packagings are authorized provided that the general provisions of **4.1.1** and **4.1.3** are met:		
Inner packagings	**Intermediate packagings**	**Outer Packagings**
glass metal plastics	metal plastics	steel (50A) aluminium (50B) other metal (50N) plywood (50D) rigid fibreboard (50G) rigid plastics (50H)
Packagings shall conform to the packing group I performance level for solids		

Additional requirements:

The height of the drop test in accordance with 6.6.5.3.4 shall be 9 m or the capability of the packaging shall be evaluated by an equivalent method as authorized by the Competent Authority.

The inner or the intermediate packaging shall be capable of passing a leakproofness test according to 6.1.5.4. The air pressure to be applied shall be not less than 30 kPa.

Glass inner packagings shall be contained in rigid intermediate packagings only.

The components of the packaging shall be disinfected as appropriate and in accordance with recommendations of the Competent Public Health Authority.

Inner packagings containing sharp objects such as broken glass and needles shall be resistant to puncture and be able to retain liquids.

Each intermediate packaging shall contain only one inner packaging.

After filling and closing each layer, the packaging shall be externally disinfected.

Outer packagings shall not be re-used until they have been disinfected.

Inner packaging and the intermediate packaging may be flexible.

Each flexible intermediate packaging shall contain only one inner packaging.

When flexible packagings are used, they shall be capable of passing the tests for tear and impact resistance according to ISO 7765-1:1988 “Plastics film and sheeting – Determination of impact resistance by the free-falling dart method – Part 1: Staircase methods” and ISO 6383-2:1983 “Plastics – Film and sheeting – Determination of tear resistance – Part 2: Elmendorf method”. Each bag shall have an impact resistance of at least 165 g and a tear resistance of at least 480 g in both parallel and perpendicular planes with respect to the length of the bag. The maximum net mass of each plastics bag shall be 30 kg..

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Inner packagings containing small amount of free liquid may be included in intermediate packages providing that there is sufficient absorbent material in the intermediate to absorb all the liquid content present and the large packaging is capable of retaining liquids.

Compression of intermediate packagings in the outer packaging is only permitted when done in accordance with the techniques employed in the design type test as shown in the test report.

Special packing provision:

LPxx This packaging may only be used when it is directly consigned to an incinerator or an authorised final disposal facility. The Competent Authority may specify special approval marks for the transport Other consignments using this packaging will require Competent Authority approval.