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**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

Thirty-third session
Geneva, 30 June-9 July (a.m.) 2008
Item 7 of the provisional agenda

**MISCELLANEOUS PROPOSALS OF AMENDMENTS TO THE MODEL
REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS**

**Application of the requirements for the construction and certification of
UN No. 1950 aerosols and UN No. 2037 gas cartridges when transported
in limited quantities, in accordance with chapter 3.4 and chapter 3.5**

Communication from the observer for Switzerland*

Introduction

1. Inclusion of the provisions of the Model Regulations concerning aerosols and gas cartridges in ADR and RID in 2007 has given rise to a number of problems of interpretation, which should be resolved in the Orange Book. The requirements in question are those of chapter 6.2, which apply to these dangerous goods.

* In accordance with the programme of work of the Sub-Committee for 2007-2008 approved by the Committee at its third session (refer to ST/SG/AC.10/C.3/60, para. 100 and ST/SG/AC.10/34, para. 14) (packaging).

2. Users of the regulations who start by checking which requirements apply to a given UN No. in the Dangerous Goods List contained in chapter 3.2 are told in column (8), for UN No. 1950 and UN No. 2037, that they must comply with packing instruction P003. This instruction states that dangerous goods shall be placed in suitable outer packagings and that packagings (without specifying which ones) shall meet the provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4, 4.1.1.8 and 4.1.3,¹ and be designed in such a way that they meet the construction requirements of 6.1.4. In addition, for UN Nos. 1950 and 2037, special packing provision PP17 concerning the net mass of packages shall apply, and for UN No. 1950 waste aerosols special provision PP87 shall also apply.

3. General provisions 4.1.1.1, 4.1.1.2, and 4.1.1.4-4.1.1.8 do not specify that construction requirements shall be respected, and the text of instruction P003 does not mention 4.1.1.3, the subsection that refers to construction and certification requirements. Instruction P003 refers only to 6.1.4, which is not relevant for aerosols and gas cartridges.

4. Section 4.1.3 gives the general rules for interpreting packing instructions. In particular, the last paragraph of 4.1.3.1 states that “unless otherwise specified, each packaging shall conform to the applicable requirements of Part 6”. In the case of aerosols (UN No. 1950) and gas cartridges (UN No. 2037), there is nothing in the regulations to refer users to the requirements of chapter 6.2 concerning testing and approval. Accordingly, these requirements do not officially apply.

5. However, chapter 6.2 - and in particular 6.2.4 - contains specific requirements for aerosols and gas cartridges. Users of the regulations are not referred directly to those requirements, which does not help simplify interpretation of the rules. It could be claimed that, according to the packing instruction for these dangerous goods, there is no obligation to comply with the provisions of 6.2.4 since they are not specified in packing instruction P003.

6. Another anomaly that is difficult to explain is the absence of any reference in packing instruction P003 to the need to comply with the special provisions of 4.1.6. The result of this is that, according to the explanation given in 4.1.3.1, these special provisions do not apply to aerosols or gas cartridges.

7. In order to resolve these problems of interpretation of the rules, the experts are invited to consider the following proposal.

¹ *Translator's note:* Attention is drawn to the inconsistency between the English version of instruction P003 (“... The Packagings shall meet the provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4, 4.1.1.8 and 4.1.3...”) and the French version (“... The Packagings shall meet the provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4 to 4.1.1.8 and 4.1.3...”) (emphasis added).

Proposal

8. Modify special packing provision PP17 contained in packing instruction P003 as follows:
“For UN Nos. 1950 and 2037 the special packing provisions in 4.1.6 must be complied with, where they apply. Packages shall not exceed 55 kg net mass for fibreboard packagings or 125 kg net mass for other packages.”

Justification

9. Including a reference to the special provisions of 4.1.6 enables these dangerous goods to be made subject to the relevant construction and approval provisions of chapter 6.2 (4.1.6.1.7) and to the other applicable requirements of 4.1.6, such as those in 4.1.6.1.9.
