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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

Twenty-fifth session, 5-14 July 2004
Item 7 of the provisional agenda

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

Proposal to amend Chapter 5.2, Section 5.2.1 Marking and Section 5.2.2 Labelling

Transmitted by the expert from Germany

Background

1. In the eleventh revised edition of the Recommendations on the Transport of Dangerous Goods, Model Regulations (ST/SG/AC.10/1/Rev.11), a new part 6.6 was included which deals with the requirements for the construction and testing of large packagings.
2. In Section 1.2.1 these large packagings are described as packagings consisting of an outer packaging which contains articles or inner packagings and which (a) are designed for mechanical handling; and (b) exceed 400 kg net mass or 450 litres capacity but have a volume of not more than 3 m³.
3. Intermediate Bulk Containers (IBCs) are described in the same Section as rigid or flexible portable packagings, other than those specified in Chapter 6.1, that:
 - (a) have a capacity of:
 - (i) not more than 3.0 m³ (3,000 litres) for solids and liquids of packing groups II and III;
 - (ii) not more than 1.5 m³ for solids of packing group I when packed in flexible, rigid plastics, composite, fibreboard and wooden IBCs;
 - (iii) not more than 3.0 m³ for solids of packing group I when packed in metal IBCs;
 - (iv) not more than 3.0 m³ for radioactive material of Class 7;
 - (b) are designed for mechanical handling;
 - (c) are resistant to the stresses produced in handling and transport, as determined by tests.

4. In accordance with 5.2.1.4 (Marking) and 5.2.2.1.7 (Labelling) IBCs of more than 450 litres capacity shall be marked and labelled on two opposing sides. Labels shall be affixed on a surface of contrasting colour.
5. For large packagings of the same size are no similar requirements exist. This represents a safety risk because those large packagings are not offer a clear view on all sides.

Proposal

6. To harmonize the requirements of marking and labelling of IBCs and large packagings of the same size, the expert from Germany proposes that in 5.2.1.4 and 5.2.2.1.7 the large packagings should be included. The text should read:

“5.2.1.4 Intermediate bulk containers **and large packagings** of more than 450 litres capacity shall be marked on two opposing sides.”

and

“5.2.2.1.7 Intermediate bulk containers **and large packagings** of more than 450 litres capacity shall be labelled on two opposing sides. Labels shall be affixed on a surface of contrasting colour.”

The changes are given in bold.
