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COMMITTEE OF EXPERTS ON THE  
TRANSPORT OF DANGEROUS GOODS

Sub-Committee of Experts on the  
Transport of Dangerous Goods  
(Seventeenth session,  
Geneva, 6-17 December 1999,  
agenda item 5 (e))

MISCELLANEOUS DRAFT AMENDMENTS TO THE MODEL REGULATIONS  
ON THE TRANSPORT OF DANGEROUS GOODS

Packagings

Paragraph 4.1.3.4

IBCs for substances liable to become liquid during transport

Transmitted by the expert from Belgium

**Background**

1. The UN-Committee introduced in December 1998 the following new paragraph 4.1.3.4 :

*“4.1.3.4 The following packagings shall not be used when the substances being transported are liable to become liquid during transport :*

*Packagings*

<i>Drums :</i>	<i>1D and 1G</i>
<i>Boxes :</i>	<i>4C1, 4C2, 4D, 4F, 4G and 4H1</i>
<i>Bags :</i>	<i>5L1, 5L2, 5L3, 5H1, 5H2, 5H3, 5H4, 5M1 and 5M2</i>
<i>Composite packagings :</i>	<i>6HC, 6HD2, 6HG1, 6HG2, 6HD1, 6PC, 6PD1, 6PD2, 6PG1, 6PG2 and 6PH1</i>

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*IBCs*

<i>Wooden :</i>	<i>11C, 11D and 11F</i>
<i>Fibreboard :</i>	<i>11G</i>
<i>Flexible :</i>	<i>13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 and 13M2</i>
<i>Composite :</i>	<i>11HZ2, 21HZ2 and 31HZ2”</i>

2. The aim of this paragraph is to refuse - for the transport of substances liable to become liquid during transport - packagings and IBCs of the types that are only permitted for the transport of solids.
3. However, liquids of packing group I may not be transported in **any** type of IBC. As a result of this, the principle that has been applied to packagings and to IBCs for substances of packing groups II and III, has not been followed for IBCs with substances of packing group I. Packing group I substances that are liable to become liquid during transport should not be accepted in any type of IBC.

**Proposal**

4. Change the last part of paragraph 4.1.3.4 as follows :

“IBCs

For substances of packing group I :

All types of IBC

For substances of packing groups II and III :

Wooden :	11C, 11D and 11F
Fibreboard :	11G
Flexible :	13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 and 13M2
Composite :	11HZ2, 21HZ2 and 31HZ2”

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