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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 Globally  
Harmonized System of Classification  
and Labelling of Chemicals  
(Fourth session, 9-11 December 2002  
agenda item 2)

**GLOBAL HARMONIZED SYSTEM OF CLASSIFICATION  
AND LABELLING OF CHEMICALS**

**Part 2 – Physical hazards**

**Chapter 2.16 – Corrosive to metals**

**Note by the secretariat**

1. The Sub-Committee of Experts on the Transport of Dangerous Goods adopted provisionally, at its twenty-first session, revised criteria for classification of substances corrosive to metals paragraph 2.8.2.5.(c) (ii) of the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, as well as a new section 37.4 in the Manual of Tests and Criteria relating to test methods for classifying substances which are corrosive to metals (Refer to ST/SG/AC.10/C.3/42, para.108 and ST/SG/AC.10/C.3/42 Add. 1 or ST/SG/AC.10/C.3/2002/60 for the adopted texts). It should be noted however that additional changes to the newly adopted sub-section 37.4 of the Manual of Tests and Criteria have been proposed by the expert from Germany in ST/SG/AC.10/C.3/2002/61 for discussion at the twenty-second session of the Sub-Committee of Experts on the Transport of Dangerous Goods (2-6 December 2002).

2. Since the criteria of Chapter 2.16 of the GHS are based on paragraph 2.8.2.5. (c) (ii) of the Model Regulations on the Transport of Dangerous Goods, they should be amended accordingly, and the secretariat proposes the following changes, subject to verification of concordance with the amendments that will be finally adopted by the Sub-Committee of Experts on the Transport of Dangerous Goods next December :

**Paragraph 2.16.2:** Amend the first sentence to read as follows:

"A substance or mixture which is corrosive to metal is classified in a single category for this class, using the test in 37.4 of the UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, according to the following table:"

**Paragraph 2.16.4.2 :** Amend to read as follows :

"2.16.4.2 Guidance

The corrosion rate can be measured according to the test method of sub-section 37.4 of the UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria.

The specimen to be used for the test should be made of the following materials:

- (a) For the purposes of testing steel: steel types S235JR+CR (1.0037 resp.St 37-2), or S275J2G3+CR (1.0144 resp.St 44-3), or ISO3574 or Unified Numbering System (UNS) G 10200;
  - (b) For the purposes of testing aluminium: non-clad types 7075-TG or AZ5GU-T6."
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