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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 6 of the provisional agenda

LISTING, CLASSIFICATION AND PACKING

Entries for paints with subsidiary risks

Transmitted by the expert from the United States of America

Background

1. At present, there are two entries for "PAINT" and "PAINT RELATED MATERIAL" in the Dangerous Goods List in the Model Regulations, one for materials meeting the criteria for Class 3 (UN 1263), and a second for materials meeting the criteria for Class 8 (UN 3066). However, there are now many paints and related materials produced that meet the criteria for classification both in Class 3 and in Class 8. These products are transported in large volumes throughout the world. Since neither of the existing entries specifically covering paint and related materials provides the possibility to include materials with subsidiary risks, in practice it has become necessary to describe these dual hazard paints and paint related materials under the appropriate "n.o.s." entry in the Dangerous Goods List. As a result, when paint and paint related materials that are both flammable and corrosive are transported, quite lengthy and complex entries (including technical names) are required to be marked on packages and included in the transport document. This contributes little to safety in terms of communicating that the material concerned is the well-known and widely-recognized material "Paint".

2. The expert from the United States of America believes it would be appropriate to include two new entries in the Dangerous Goods List covering paints and paint related materials that are both flammable and corrosive. The first would cover materials that are flammable with a subsidiary corrosive risk, and the second materials that are corrosive with a flammable subsidiary risk. For the Class 3 entry (with subsidiary Class 8 risk), the possibility for classification in any of the three packing groups would be provided. For the Class 8 entry, only the possibility for classification in Packing Group II would be provided. This is in light of the fact that the current Class 8 entry does not include the possibility for classification in Packing Group I, as well as of the packing group possibilities permitted under the

Precedence of Hazards Table in 2.0.3.3. In terms of packaging and other associated requirements, the proposed new entries would be based upon the existing entries for paint and paint related materials, the rationalized approach and assignment of requirements to other relevant “n.o.s.” entries. The PP1 exception that applies to the Class 3 paint entry is not being proposed for the new dual hazard entries.

Proposal

3. For the forgoing reasons, it is proposed that the following new entries be added to the Dangerous Goods List in the Model Regulations:

-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11
XXXX	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	8	I	163	NONE	P001		T11	TP2 TP27
		3	8	II	163	1 L	P001 IBC02		T7	TP2 TP8 TP28
		3	8	III	163 223	5 L	P001 IBC03		T4	TP1 TP29
YYYY	PAINT, CORROSIVE, FLAMMABLE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL CORROSIVE, FLAMMABLE (including paint thinning or reducing compound)	8	3	II	163	1 L	P001 IBC02		T7	TP2 TP28

4. The Index should be amended to accommodate the two new entries.