

**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

22 June 2012

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Geneva, 25 June – 4 July 2012

Item 3 (a) of the provisional agenda

Listing, classification and packing

Proposals of amendments to the list of dangerous goods of Chapter 3.2

**Proposal for a new UN number and special provision for a
new type of confetti-shooters**

Transmitted by the expert from Germany

Revised annex to document ST/SG/AC.10/C.3/2012/45

Revised Annex:

Proposal:

Create a new entry (UN 3XXX) in Class 2:

- (a) Add a new entry to the Dangerous Goods List, as follows:

UN No.	Name and description	Class or division	Subsidiary risk	UN Packing group	Special provisions	Limited and excepted quantities		Packagings and IBCs		Portable tanks and bulk containers	
						(7a)	(7b)	Packing instructions	Special packing provisions	Instructions	Special provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)
3XXX	ARTICLES, CONTAINING SMALL GAS RECEPTACLES with non-flammable gas, intended to function as confetti-shooters Or CONFETTI-SHOOTERS, articles containing small pressure receptacles with non-flammable gas	2.2			3XX	0	E0	P003			

- (b) Add a new Special Provision 3XX in Chapter 3.3:

“**3XX** (1) [Articles, containing small pressure receptacles, intended to function as confetti-shooters,] [Confetti-Shooters are articles containing small pressure receptacles. They] shall comply with the following requirements:

- (a) The pressure receptacle shall be filled with compressed air or compressed nitrogen only;

- (b) The water capacity of the pressure receptacle shall not exceed 0.5 litres and the working pressure shall not exceed 25 bar at 15 °C;
- (c) The minimum burst pressure of the pressure receptacle shall be at least four times the pressure of the gas at 15 °C;
- (d) Each article shall be manufactured in such a way that unintentional firing or release is avoided under normal conditions of handling, packing, transport and use. This may be fulfilled by an additional locking device linked to the usual activator;
- (e) Each article shall be manufactured in such a way to prevent the pressure receptacle from rocketing backwards through the bottom of the article and preventing the metal flap or fragments of the pressure receptacle from catapulting during the activation of the article;
- (f) Each pressure receptacle shall be manufactured from material which will not fragment upon rupture;
- (g) The design type of the article shall be subjected to a fire test. For this test, the provisions of paragraphs 16.6.1.2 except letter g, 16.6.1.3.1 to 16.6.1.3.6, 16.6.1.3.7 b) and 16.6.1.3.8 of the UN Manual of Tests and Criteria shall be applied. It shall be demonstrated that the article relieves its pressure by means of a fire degradable seal or other pressure relief device, in such a way that the pressure receptacle will not fragment and that the article or fragments do not rocket more than 10 metres;
- (h) The design type of the article shall be subjected to a single package test. A stimulating mechanism shall be used to initiate one confetti shooter in the middle of the packaging. There shall be no hazardous effects outside the package such as disruption of the package, metal fragments or a receptacle which passes through the packaging.
- (i) Each article shall be marked with the name or another identification mark of the manufacturer or the importer and the date (YYYY-MM-DD) of manufacture.
- (2) The manufacturer shall produce technical documentation of the design type, manufacture as well as the tests and their results. The manufacturer shall apply procedures to ensure that shooters produced in series are made of good quality, conform to the design type and are able to meet the requirements in (1). The manufacturer shall provide such information to the Competent Authority on request.
- (3) Articles conforming to the requirements in (1) and (2) are not subject to further requirements of these Regulations if packed according to P 003 in packagings not exceeding 30 kg gross mass.”
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