Delete (2) and PP82

In the dangerous goods list against Bromine UN1744

Column 8 replace P601 with P8XX, in column 9 delete PP82 and delete PP82 from P601

Our Proposed Packing Instruction for Bromine, P8XX is as follows;

P8XX	**PACKING INSTRUCTION**	**P8XX**
This instruction applies to UN1744		
The following packagings are authorized provided the general provisions of **4.1.1** and **4.1.3** are met and the packagings are hermetically sealed:		
(1)	Combination packagings with a maximum gross mass of 25 kg, consisting of one or more glass inner packaging(s) with a maximum capacity of 1.3 litres each and filled to not more than 90% of their capacity; the closure(s) of which shall be physically held in place by any means capable of preventing back-off or loosening by impact or vibration during transport, together with cushioning and absorbent material sufficient to absorb the entire contents of the glass inner packaging(s), further packed in 1A2, 1B2, 1N2, 1H2, 1D, 1G, 4A, 4B, 4C1, 4C2, 4D, 4F, 4G or 4H2 outer packagings.	
(2)	Combination packagings consisting of metal or polyvinylidene fluoride (PVDF) inner packagings, not exceeding 5 litres in capacity individually packed with absorbent material sufficient to absorb the contents and inert cushioning material in 1A2, 1B2, 1N2, 1H2, 1D, 1G, 4A, 4B, 4C1, 4C2, 4D, 4F, 4G or 4H2 outer packagings with a maximum gross mass of 75 kg. Inner packagings shall not be filled to more than 90% of their capacity. The closure of each inner packaging shall be physically held in place by any means capable of preventing back-off or loosening of the closure by impact or vibration during carriage;	

P8XX	PACKING INSTRUCTION	P8XX

This instruction applies to UN1744

(3) Packagings consisting of:

Outer packagings:

Steel or plastic drums, removable head (1A2 or 1H2) tested in accordance with the test requirements in 6.1.5 at a mass corresponding to the mass of the assembled package either as a packaging intended to contain inner packagings, or as a single packaging intended to contain solids or liquids, and marked accordingly.;

Inner packagings:

Drums and composite packagings (1A1, 1B1, 1N1, 1H1 or 6HA1) meeting the requirements of Chapter 6.1 f for single packagings, subject to the following conditions:

(a) The hydraulic pressure test shall be conducted at a pressure of at least 0.3 bar (gauge pressure);

(b) The design and production leakproofness tests shall be conducted at a test pressure of 0.3 bar;

(c) They shall be isolated from the outer drum by the use of inert shock-mitigating cushioning material which surrounds the inner packaging on all sides;

(d) Their capacity shall not exceed 125 litres; and

(e) Closures shall be of a screw type that are:

(i) Physically held in place by any means capable of preventing back –off or loosening of the closure by impact or vibration during transport;

(ii) Provided with a cap seal;

(f) The inner packagings shall be subjected periodically to an internal inspection and leakproofness test according to (b) at intervals of not more than two and a half years;

(g) The outer and inner packaging shall bear in clearly legible and durable characters:

(i) the date (month, year) of the initial test and the latest periodic test and inspection of the inner packaging;

(ii) the name or authorized symbol of the expert performing the tests and inspections;

(4) Pressure receptacles may be used provided that the general provisions of 4.1.3.6 are met.

(i) They shall be subjected to an initial test and periodic tests every 10 years at a pressure of not less than 1 MPa (10 bar) (gauge pressure).

(ii) They shall be subjected periodically to an internal inspection and leakproofness test at intervals of not more than two and a half years;

(iii) Pressure receptacles may not be equipped with any pressure relief device;

(iv) Each pressure receptacle shall be closed with a plug or valve(s) fitted with a secondary closure device;

(v) The materials of construction for the pressure receptacle, valves, plugs, outlet caps, luting and gaskets shall be compatible with each other and with the lading.