



**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****Forty-fifth session**

Geneva, 23 June- 2 July 2014

Item 4 (c) of the provisional agenda

Listing, classification and packing: miscellaneous**Polyester resin kits containing Division 4.1 substances****Transmitted by the Dangerous Goods Advisory Council (DGAC)¹****Introduction**

1. DGAC has become aware that the base material in some polyester resin kits may not meet the definition of Class 3 (Flammable liquid) and would more appropriately be described as a Division 4.1 (Flammable solid). Currently polyester resin kits are limited to those with a Class 3 (Flammable liquid), Packing Group II or III base material component. These kits are consigned under the entry UN 3269, Polyester resin kit, PG II or PG III. It is proposed that a new entry be included in the Dangerous Goods List (DGL) for polyester resin kits that contain a Division 4.1 (Flammable solid), Packing Group II or III substance as the base material. If approved, this would permit products with a viscous base component containing flammable solvent(s) (e.g., styrene monomer) that do not meet the definition of a liquid; however, are considered a flammable solid when tested according to the Model Regulations.

Proposal

2. DGAC requests that the Sub-Committee amend the Model Regulations as follows:
- (a) In the DGL add a new entry for Polyester resin kit (UN3269), PG II and PG III as follows:

¹ In accordance with the programme of work of the Sub-Committee for 2013-2014 approved by the Committee at its sixth session (refer to ST/SG/AC.10/C.3/84, para. 86 and ST/SG/AC.10/40, para. 14).

(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)
XXXX	Polyester resin kit	4.1		II	340 XYZ	5kg	E0	P4XX			
YYYYXXXX	Polyester resin kit	4.1		III	340 XYZ	5kg	E0	P4XX			

- (b) In Chapter 3.3, insert a new special provision “XYZ” to read:

“SP XYZ *For purposes of the entry* polyester resin kits consist of two components: a base material (Division 4.1, packing group II or III) and an activator (organic peroxide). The organic peroxide shall be type D, E, or F, not requiring temperature control. Packing Group shall be II or III, according to the criteria for Division 4.1, applied to the base material. The quantity limit shown in column 7a of the Dangerous Goods List of Chapter 3.2 applies to the base material.”

NOTE: The Secretariat may wish to add the wording “For purposes of the entry” in SP 236 since two entries for polyester resin kits would be included in the DGL or take other appropriate action.

- (c) In 4.1.4 add a new packing instruction as follows:

P4XX	PACKING INSTRUCTION	P4XX
This instruction applies to UN No. XXXX.		
The following combination packagings are authorized, provided that the general provisions of 4.1.1 and 4.1.3 are met:		
<u>(1)</u> Outer packagings:		
Drums (1A1, 1A2, 1B1, 1B2, 1N1, 1N2, 1H1, 1H2, 1D, 1G);		
Boxes (4A, 4B, 4N, 4C1, 4C2, 4D, 4F, 4G, 4H1, 4H2)		
Jerricans (3A1, 3A2, 3B1, 3B2, 3H1, 3H2);		
<u>(2)</u> Inner packagings:		
<u>(a)</u> The activator (organic peroxide) shall have a maximum quantity of 125 ml per inner packaging if liquid, and 500 g per inner packaging if solid.		
<u>(b)</u> The base material and the activator shall be each separately packed in inner packagings.		
The components may be placed in the same outer packaging provided that they will not interact dangerously in the event of a leakage.		
Packagings shall conform to the packing group II or III performance level according to the criteria for Division 4.1 applied to the base material.		