



**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

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Listing, classification and packing

Amendments to excepted quantities of UN 3269 and UN 3527

Transmitted by the expert from China*

Introduction

1. Polyester resin kit is a kind of products widely used for repair works in industry. The products usually consist of a base material and an activator. The base material of polyester resin kit is flammable liquids or flammable solids depending on the different use of the products. The activator of polyester resin kit is always organic peroxides. At 2014, **UN 3527 POLYESTER RESIN KIT, solid base material** was added to nineteenth revised edition of the UN Model Regulations. There are four entries about polyester resin kit in the Dangerous Goods List in UN Model Regulations as follows:

UN No.	Name and description	Class or division	UN Packing group	Special provisions	Excepted quantities
3269	POLYESTER RESIN KIT, liquid base material	3	II	236 340	E0
3269	POLYESTER RESIN KIT, liquid base material	3	III	236 340	E0
3527	POLYESTER RESIN KIT, solid base material	4.1	II	236 340	E0
3527	POLYESTER RESIN KIT, solid base material	4.1	III	236 340	E0

* In accordance with the programme of work of the Sub-Committee for 2019–2020 approved by the Committee at its ninth session (see ST/SG/AC.10/C.3/108, paragraph 141 and ST/SG/AC.10/46, paragraph 14).

2. The base material and the activator of polyester resin kit are always packaged together, SP 236 and SP 340 in column 6 of Dangerous Goods List specify the transport conditions for the product. According to SP 236, polyester resin kits consist of two components: a base material (either class 3 or class 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. The packing group shall be II or III, according to the criteria of either class 3 or class 4.1, as appropriate, 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. According to SP 340, chemical kits, first aid kits and polyester resin kits containing dangerous substances in inner packagings which do not exceed the quantity limits for excepted quantities applicable to individual substances as specified in column 7b of the Dangerous Goods List may be transported in accordance with chapter 3.5. Class 5.2 substances, although not individually authorized as excepted quantities in the Dangerous Goods List, are authorized in such kits and are assigned code E2 (see 3.5.1.2).

3. Polyester resin kits are always in small packages and the amount of dangerous goods in the kits is quite limited. So the provision of excepted quantities is very important to the transport of the activator. For UN 3269 and UN 3527, E0 is now assigned in the column 7b which means that the polyester resin kit will not permitted to be transported as excepted quantity.

Proposal

4. China proposes to replace “E0” with “E2” or “see SP 340 in Chapter 3.3” in the column 7b of UN 3269 and UN 3527 in the Dangerous Goods List.
