



**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-eighth session**

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Item 6 (e) of the provisional agenda

**Miscellaneous proposals for amendments to the Model Regulations
on the Transport of Dangerous Goods: other miscellaneous proposals****Polymerizing substances – information on emergency and
control temperature****Transmitted by the expert from Germany¹****Introduction**

1. New provisions on polymerizing substances were incorporated in the 19th revised edition of the United Nations Recommendations on the Transport of Dangerous Goods, Model Regulations. These provisions aim to identify polymerizing substances and to ensure a sufficient level of stabilization, either by chemical stabilization or alternatively or additionally by temperature control. The realisation of temperature control presupposes that the control and emergency temperatures are known during transport, but the necessary consequential amendment was inadvertently not included in the relevant proposals on polymerizing substances.

2. For self-reactive substances and organic peroxides which require temperature control during transport the control and emergency temperatures have to be indicated in the transport requirement (5.4.1.3.3). The scope of this requirement should be extended to polymerizing substances.

3. This was also noted by the twenty-third session of the IMO Editorial and Technical Group (informal document INF.49 (47th session of this Sub-Committee)) and appropriate text was incorporated in draft amendment 38-16 to the IMDG Code. Though the

¹ In accordance with the programme of work of the Sub-Committee for 2015-2016 approved by the Committee at its seventh session (refer to ST/SG/AC.10/C.3/92, paragraph 95 and ST/SG/AC.10/42, para. 15).

requirement for the indication of the emergency and control temperatures seemed logical to the Sub-Committee, some delegations felt, that this should be considered on the basis of an official proposal (para 84 of ST/SG/AC.10/C.3/94).

4. The Ad Hoc Working Group on the Harmonization of RID/ADR/ADN with the United Nations Recommendations also incorporated such a requirement in the draft amendments for ADR/ADN (see Amendment to 5.4.1.2.3 ADR/ADN in ECE/TRANS/WP.15/AC.1/2015/23/Add.1).

Proposal

5. Amend 5.4.1.5.5 of the Model Regulations as follows:

In the heading, after “Self-reactive substances” insert “, *polymerizing substances*”.

In the text, after the words “self-reactive substances” insert “and polymerizing substances”.
