
**Committee of Experts on the Transport of Dangerous Goods
and on the Globally Harmonized System of Classification
and Labelling of Chemicals**

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**Sub-Committee of Experts on the
Transport of Dangerous Goods**

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Item 3 of the provisional agenda

Listing, classification and packing

Polymerizing substances - corrections for UN 2522 and UN 2383

Transmitted by the experts from Germany, the Dangerous Goods Advisory Council (DGAC) and the European Chemical Industry Council (CEFIC)

1. During the December session 2014, the Sub-Committee adopted provisions on the transport of polymerizing substances. In the dangerous goods list, the polymerizing substances already classified were identified and special provision 386 was assigned accordingly.
2. Since then questions arose on the polymerizing properties of further substances. In document ST/SG/AC.10/C.3/2016/3, UN 3302 2-DIMETHYLAMINOETHYL ACRYLATE was identified as a polymerizing substance and the UN Model Regulations were amended accordingly.
3. Further consultation with the concerned experts revealed that 2-DIMETHYLAMINOETHYL-METHACRYLATE (UN 2522), classified as 6.1, packing group II, has a behavior very similar to UN 3302. Both molecules are structurally related, and the acrylate part carries the polymerization. Therefore the word “STABILIZED” should be added to the proper shipping name and special provision 386 needs to be assigned to ensure a sufficient level of stabilization.
4. On the other hand, Dipropylamine (UN 2383), classified as 3 (8), packing group II was declared as polymerizing substance. Dipropylamine has no double bonds, so is unlikely to exhibit a characteristic of polymerization and in practice it has no polymerizing properties. Therefore special provision 386 should be deleted for that entry.

Proposal

5. Amend the Dangerous Goods List as follows:
N 2522: in column (2) add at the end “, STABILIZED” and in column (6) add “386”.
UN 2383: in column (6) delete “386”
6. Amend the Alphabetical Index of Substances and Articles as follows:
In column “Name and description” for the entry “2-DIMETHYLAMINOETHYL-METHACRYLATE” add at the end “, STABILIZED”.