

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 Globally Harmonized
System of Classification and Labelling of Chemicals

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Item 3 of the provisional agenda

Hazard communication issues

Information relating to nanomaterials provided in Safety Data Sheets (SDS) in accordance with Regulation (EU) No 453/2010 amending the REACH Annexes relevant for SDS

Transmitted by the European Union

1. The SDS requirements are set out in Annex II to Regulation (EC) No 1907/2006 (“REACH”). The European Commission has adopted on 20 May 2010 Regulation (EU) No 453/2010¹ amending the REACH Annexes relevant for SDS (Annex II and, to a lesser extent, Annex VI). The revision brings the SDS requirements into line with Regulation (EC) No 1272/2008 (“CLP”) taking into account the guidance on the preparation of SDS’s as laid down in the GHS (see INF.22 submitted to the 19th session of the Sub-Committee).

2. The following properties indicated in bold below are based on the set of physico-chemical properties identified by the OECD Working Party on Manufactured Nanomaterials (OECD-WPNM) possibly relevant to characterise nanomaterials in toxicological testing. These properties have to be indicated in the SDS in accordance with Annex II to REACH:

(a) Section 3, first paragraph of Annex II to REACH

This section of the safety data sheet shall describe the chemical identity of the ingredient(s) of the substance or mixture, including impurities and stabilising additives as set out below. Appropriate and available safety information on **surface chemistry** shall be indicated.

(b) Section 9.1 (a) of Annex II to REACH

The physical state (solid (including appropriate and available safety information on **granulometry** and **specific surface area** if not already specified elsewhere in this safety data sheet), liquid, gas) and the colour of the substance or mixture as supplied shall be indicated.

(c) Section 9.2 of Annex II to REACH

Other physical and chemical parameters shall be indicated as necessary, such as miscibility, fat solubility (solvent — oil to be specified), conductivity, or gas group.

¹ <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:133:0001:0043:en:PDF>

Appropriate and available safety information on **redox potential, radical formation potential and photocatalytic properties** shall be indicated.

3. Guidance on the compilation of safety data sheets is being prepared by the European Chemicals Agency.
