

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

28 June 2019

**Sub-Committee of Experts on the Transport of Dangerous Goods
Fifty-fifth session**

Geneva, 1-5 July 2019

Item 6 (c) of the provisional agenda

**Miscellaneous proposals for amendments to the Model Regulations
on the Transport of Dangerous Goods:
fibre-reinforced plastics (FRP) portable tanks**

**Informal working group on fibre-reinforced plastics (FRP)
portable tanks**

Transmitted by the expert from the United Kingdom

1. Further to the suggestions on the work of the informal working group on fibre-reinforced (FRP) portable tanks by the expert from the Netherlands informal document INF.39 (55th session), it would also be appropriate, when working on the design criteria for such tanks, to consider elongation at fracture or some equivalent measure of energy absorption, behaviour in fires (fire resistance and smoke toxicity), reaction to sunlight (potential embrittlement by way of UV light) and any other design criteria that would be needed to address the service conditions and exposure risks relevant to the transport of portable tanks and taking into account the characteristics of the various modes.
 2. The United Kingdom is of the view that these criteria and those highlighted by the expert from the Netherlands should be considered by the informal working group when developing the design criteria and working on the outstanding issues concerning the general design and construction requirements for fibre-reinforced (FRP) portable tanks.
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