
**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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Item 3(b) of the agenda

EXPLOSIVES, SELF-REACTIVE SUBSTANCES AND ORGANIC PEROXIDES

Classification criteria for fireworks

Transmitted by the expert from the United Kingdom

Introduction

1. At the last meeting of the working group the UK expert said that he would carry out tests on report compositions made from black powder/aluminium powder mixtures following a query from a UK firework importer about Note 2 to the default fireworks table (ST/SG/AC.10/C.3/2004/102).

Results were obtained from 6g samples of 3 types of black powder, a perchlorate/aluminium mixture, a barium nitrate/aluminium mixture and 3 different black powder/aluminium report mixtures. The results showed that black powder/aluminium powder (92:8) produced overpressure values similar to that produced by the barium nitrate/aluminium mixtures

Proposal

2. The UK expert proposes that Note 2 to the default firework list be amended to include black powder/metal powder fuel mixtures and suggests the following change to the Note:

”Note 2: “Flash compositions” in this table refers to pyrotechnic compositions containing an oxidising substance, or black powder, and a metal powder fuel that are used to produce an aural report effect or used as a bursting charge in firework devices”

Note: The test results of these pyrotechnic compositions can be obtained from the UK expert.
