



**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****Sixtieth session**

Geneva, 27 June-6 July 2022

Item 9 of the provisional agenda

Guiding principles for the Model Regulations**Proposal to add a line to the Guiding Principles, in table 4.1
of packing assignments with an explanatory note ^b following
the assignment of UN 3550 to cobalt dihydroxide powder for
continued transport in flexible Intermediate Bulk Containers****Transmitted by the International Confederation of Plastic Packaging
Manufacturers (ICPP) and the Responsible Packaging Management
Association of Southern Africa (RPMASA)****Introduction**

1. At the fifty-seventh session in December 2020, the Sub-Committee agreed to assign UN 3550 to “COBALT DIHYDROXIDE POWDER, containing ≥ 10 % respirable particles”, and to defer further discussion to firm up proposed explanatory wording for inclusion in the amendments to the Guiding Principles of the 2021-2022 biennium.
2. ICPP and RPMASA continued this work with the members of the intersessional working group and submitted an informal document INF.29 (58th session). The proposal included to add a line in table 4.1 together with an explanatory note ^b) for which two options were proposed. The addition of a line in the table was agreed but the wording for the note was not, requiring further discussion.
3. Following further correspondence with the intersessional group, ICPP and RPMASA presented informal documents INF.19 and INF.19/Add.1 (59th session) for the Sub-Committee’s consideration. There was good support for the addition of a line in table 4.1, and for the proposed wording for the explanatory note ^b) in informal document INF.19/Add.1.
4. It was agreed that RPMASA submit this proposal in an official document to the next session.

Proposal to add an entry to table 4.1 of the Guiding Principles

5. ICPP and RPMASA invite the Sub-Committee to consider the adoption of a new line entry in table 4.1, Packing Instruction assignments for Intermediate Bulk Containers (IBCs) under Division 6.1 solids without subsidiary risk, together with a qualifying note ^b at the end of the table, as follows:

6.1	Cobalt dihydroxide powder (UN 3550) ^b	-	I	IBC07
-----	--	---	---	-------

Proposed wording for note ^b is as follows:

“^b Acknowledging the unique properties of cobalt dihydroxide powder, which include that this material is: hygroscopic, heavy with a density of 3.6 g/cm³, has zero vapour pressure, tends to clump and not remain airborne, and that the airborne fraction has a low respirability value of only 0.8 % modelled to deposit in the deep lung, the Sub-Committee of Experts on the Transport of Dangerous Goods agreed to authorize UN 3550 to be packed in flexible intermediate bulk containers, provided these include a sift-proof liner (to prevent any egress of dust during transport), and are transported in closed cargo transport units”.
