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Economic Commission for Europe**Inland Transport Committee****Working Party on the Transport of Dangerous Goods****Joint Meeting of the RID Committee of Experts and the
Working Party on the Transport of Dangerous Goods**

Bern, 14–18 March 2022

Item 5 (a) of the provisional agenda

**Proposals for amendments to RID/ADR/ADN:
pending issues****Amendment to existing special provision 668****Transmitted by the International Association of Dangerous Goods
Safety Advisers (IASA) ^{*}, ^{**}, ^{***}***Summary*

Executive summary:	Special provision 668 permits the transport of elevated temperature substances for the purpose of applying road markings, to be transported without being subject to the requirements of RID/ADR, provided that certain conditions are met. Elevated temperature substances for other purposes than applying road markings are used in the asphalt industry i.e. for sealing and reparation of cracks and crevices on road surfaces. The aim of this proposal is to broaden the scope of special provision 668, to also include the transport to construction sites of elevated temperature substances used for road repairs.
Action to be taken:	Amend special provision 668 in such a way that the transport to construction sites and the use of elevated temperature substances for the purpose of repair work is not subject to class 9 requirements.
Related document:	ECE/TRANS/WP.15/AC.1/2021/30 (IASA)

^{*} A/76/6 (Sect.20), para. 20.76.

^{**} Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2022/6.

^{***} This document was scheduled for publication after the standard publication date owing to circumstances beyond the submitter's control.

Introduction

1. In ADR/RID 2017 a new special provision was introduced allowing elevated temperature substances for the purpose of applying road markings to be transported without being subject to the requirements of RID/ADR, provided that certain conditions are met.
2. The full text of special provision 668 reads:

“668 *Elevated temperature substances for the purpose of applying road markings are not subject to the requirements of ADR, provided that the following conditions are met:*

 - (a) *They do not fulfil the criteria of any class other than Class 9;*
 - (b) *The temperature of the outer surface of the boiler does not exceed 70 °C;*
 - (c) *The boiler is closed in such a way that any loss of product is prevented during carriage;*
 - (d) *The maximum capacity of the boiler is limited to 3 000 l.”*
3. It would be desirable to have a wider scope of special provision 668 in which transportation of elevated temperature substances used for repair work are included in the exemption, when transported to and used at construction sites.
4. At the autumn 2021 session of the Joint Meeting, document ECE/TRANS/WP.15/AC.1/2021/30 on the same subject was discussed and withdrawn. The comments received have been taken in consideration with this new document.
5. Bitumen and other similar substances transported for repairs of cracks and crevices are transported in boilers similar to those used for road marking. The limitation in the first sentence of special provision 668 does not allow i.e. heated bitumen to be transported under the conditions mentioned unless for the purpose is applying road markings. Although the transportation, application and conditions are quite similar.

Example of application of crack sealing to the pavement.



Proposal

6. Amend special provision 668 to read as follows (deleted text is marked as strike-through and new text is underlined):

“668 Elevated temperature substances like bitumen and similar products ~~for the purpose of applying road markings~~ for different purposes (such as in the construction industry or for the marking and repair of road surfaces) are not subject to the requirements of RID/ADR, when transported to, and used at construction sites, provided that the following conditions are met:

Conditions (a) to (d) remain unchanged.”

Justification

7. Ensuring uniform application of the regulations concerning the transport of elevated temperature substances, thus preventing inequality between contracting states/parties due to different interpretation of rules by designated supervisory and monitoring authorities.
