

THE EUROPEAN DIRECTORATE FOR THE QUALITY OF MEDICINES & HEALTHCARE (EDQM)



Paper and Board

used in food contact materials and articles

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EDQM
2021

<https://www.edqm.eu/en/food-contact-materials-and-articles>

- Document consists of:
 - I. Resolution CM/Res(2020)9 on the safety and quality of materials and articles for contact with food
 - II. Technical guide on Paper and Board used in food contact materials and articles
- Ad hoc group Paper and Board:
 - Members: experts from public + private sector
 - Chair: Christa Hametner (AGES; AT)
- Voluntary work!

Background

- **Resolution CM/Res(2020) 9** on the safety and quality of materials and articles for contact with food **and the supplementary Technical Guide (TG)**, supersede the old “Policy statement concerning paper and board materials and articles intended to come into contact with foodstuffs” from 2009
- It is aimed at:
 - Industry (whole supply chain)
 - Private and enforcement labs
 - National authorities
- Status: Legal and technical state of the art in Europe (agreed by all Ministers of the CoE)

Contents

- General requirements
 - Specific migration limits
 - Sensory suitability
 - Inertness (gas phase migration)
 - Colour fastness
 - Microbiological purity
 - No transfer of antimicrobial substances

Contents

- Specific requirements (for recycled paper and board)
 - Not to be used in filter, cooking and baking paper
 - Quality criteria have to be specified and checked
 - Additional measures might be needed
 - Functional barriers
 - Functional adsorbents

Contents

- Compliance testing
 - Worst reasonably foreseeable conditions
 - Migration limit until end of shelf life
 - According to instructions if used for food preparation
 - Screening and simulated migration tests
 - Hot or cold water extractions
 - Worst-case calculation
 - Barrier and adsorbent effectiveness testing

Annexes

- Annex I:
 - National regulations or recommendations
- Annex II:
 - SMLs for some constituents and contaminants
 - Michler´s ketone, BPA, PAH, Benzophenones, Phthalates, PAAs, Lead
 - PFAS and Mineral oil hydrocarbons (MOH) under discussion
- Annex III:
 - Currently available standard methods for testing compliance

Outlook

- Update planned to include up-to-date
 - Risk assessments
 - BPA
 - MOH (MOSH/MOAH)
 - Allocation factors
 - ...
 - Testing conditions
 - JRC-guide from 2023
- Discussions are welcome in the following workshop

Thank you for your attention



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