Welcome

Workshop on implications of use of trivalent chromium in functional plating with decorative character

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Welcome

Purpose

→ Gain understanding of the implications of the use of trivalent chromium functional plating with decorative character.

Main questions

1. How trivalent chromium is currently used in functional plating with decorative character.
   - To what extent are borates used in the process currently, and
   - are there borate free alternatives in the horizon?

2. What are the health and environmental implications of using trivalent chromium and borates in functional plating with decorative character.
   - Are there mitigation measures that can be implemented and is this relevant for the introduction of an SVHC?

3. What sources are used to manufacture trivalent chromium?
   - to what extent is this different from hexavalent chromium?

Programme

Title	Speaker
The challenge	Hugo Waeterschoot (Eurometaux)
Hazard status of Cr(III) and borates	Pablo Regil (ECHA)
Monitoring possibilities and monitoring experience for Cr(VI), Cr(III) and borates.	Dave Elliot (CETS)
How are Cr(VI) and Cr(III) produced	Michael Stoffers (Vopelius Chemie AG)
Cr(III) technology	Joachim Heermann (Max Schlötter)
Plating with Cr(III)	Jérôme Lemoine (Qualipac) Uwe König (Eupoc, on behalf of Kesseböhmer)
Environmental emissions of borates in plating: current knowledge	Hiram Moerman (Apeiron)
Is there waste-water treatment technology to remove borates and what are the costs?	Christoph Westermann (VDMA)
Panel: chair Tim Bowmer, chairperson of the Committee for Risk Assessment (RAC)	Dave Elliott, CETS; Matthias Enseling, Hapoc; Hiram Moerman, Apeiron

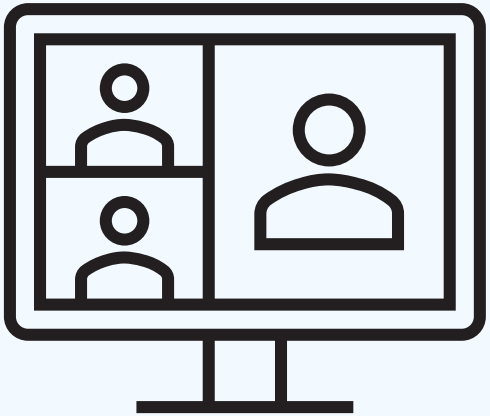
Follow-up

→ Presentations will be made available after the Workshop

→ A short summary note to be provided

House Rules

- Keep your mic muted
- If you would like to intervene, please **raise your hand** ✋
- Unmute only after you have been given the floor by the Chair
- Encouraged to turn your camera on when speaking



Thank you

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