Fire safety and Europe’s climate ambition:

The role of sustainable flame retardants in Europe’s energy transition

Wednesday 14 February 2024
12.45 – 14.15 CET

EU Parliament and online
Pinfa Members: EU, China & North America
Fire safety challenges in strategic technologies
What can Flame Retardants do?

UL 94 vertical fire test. Simulates resistance against ignition by a small flame. Photos © Clariant R. Baumgarten
Flame Retardants: Increasing Escape Time and Fire Safety

Without Flame Retardants

With Flame Retardants

ESCAPE TIME 5 MIN

ESCAPE TIME 15 MIN

Start of fire  Flashover  Fully developed fire

Time

ESCAPE TIME 5 MIN

ESCAPE TIME 15 MIN

Start of fire  Flashover  Fully developed fire

Time

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The pinfa roadmap

Transparency and Information
- Persistence vs. Durability
- Safety information and data sharing
- Intended uses
- Important vs. Essential use

Commitments to Sustainability
- REACH dossier quality
- Avoidance of SVHCs

Projects
- Further prove the safety of PIN FRs
- Safe and sustainable by Design
- Recycling of FR materials
How can we fulfil all criteria for flame retardants (chemicals)?
Thank you.

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About Cefic
Cefic, the European Chemical Industry Council, founded in 1972, is the voice of large, medium and small chemical companies across Europe, which provide 1.2 million jobs and account for 15% of world chemicals production. Cefic members form one of the most active networks of the business community, complemented by partnerships with industry associations representing various sectors in the value chain. A full list of our members is available on the Cefic website.
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