



# Pinfa Members: EU, China & North America















































































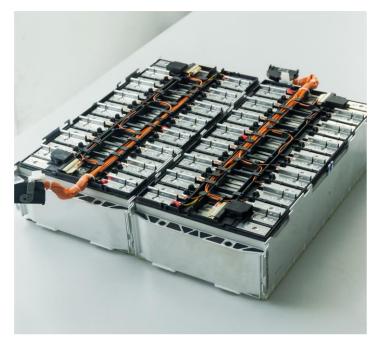




Fire safety challenges in strategic technologies















# What can Flame Retardants do?





UL 94 vertical fire test. Simulates resistance against ignition by a small flame. Photos © Clariant R. Baumgarten



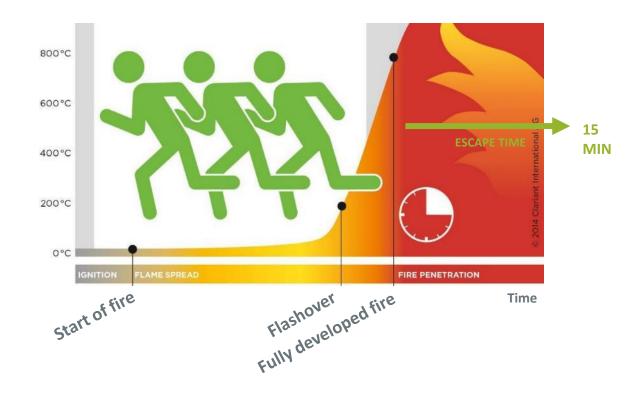


## Flame Retardants: Increasing Escape Time and Fire Safety

### **Without Flame Retardants**



### **With Flame Retardants**







## 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. Cefic is an active member of the International Council of Chemical Associations (ICCA), which represents

chemical manufacturers and producers all over the world and seeks to strengthen existing cooperation with global organisations such as UNEP and the OECD to improve chemicals management worldwide

Cefic sector group \*



