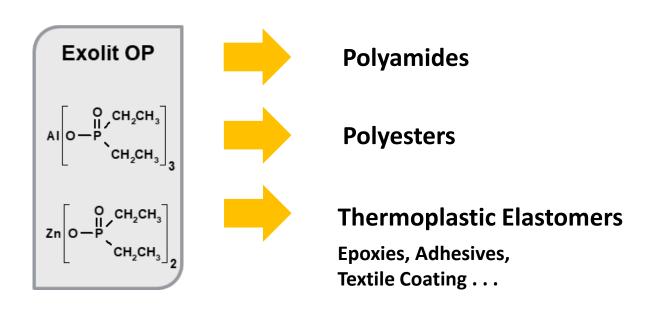
Phosphinate Flame Retardants ProScale Case Study

Adrian Beard, Clariant, 12-May-2023

ProScale

CLARIANT

Exolit® phosphinate flame retardants

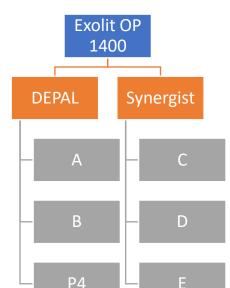


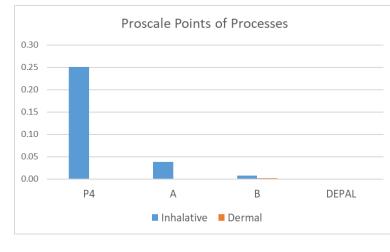
Non-melting filler like flame retardants, available as single substance or in the combination with synergists, typical dosage 20%

CLARIANT

Key results

- Big impact of protective measures
- Inhalative toxicity of P4 (yellow phosphorus) production dominates







Takeaways

- ProScale is straightforward to use, web version preferred
- As with all tools, input data quality is key
- Although simple, many parameters can be adjusted
- ProScale confirms hotspots from MSDS

Webinar co-sponsors

- The European Union (through project "Calimero", number 101060546)
- The Swedish Research Council for Sustainable Development (FORMAS, grant 2021-00445)
- The Swedish Foundation for Strategic Environmental Research (Mistra: project Mistra SafeChem, project number 2018/11)

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