

AMI | Events

PVC Formulation Europe

24-26 September 2024 | Düsseldorf, Germany

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Discover the latest global trends in PVC innovations to optimise and add value to your formulations



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PVC Formulation

24-26 September 2024

Hilton Düsseldorf, Düsseldorf

The 16th edition of PVC Formulation covers the latest market and sustainability updates in the PVC industry. Discover innovations and technical developments in additive technology, compounding, recycling and processing. This event offers a unique platform for the industry professionals across the supply chain to learn, share knowledge and network.

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Agenda

Tuesday 24 September 2024

18:00-19:30 Registration and networking reception
There are no event sessions on this day

Wednesday 25 September 2024

8:00 Registration and welcome coffee
9:00 Opening announcements

SESSION 1: Market and Regulatory Overview

9:10 Global PVC trade flows: the most promising markets of the future

- ▶ How will the introduction of import duties on PVC from the USA and Egypt change import flows to Europe?
- ▶ US producers shift their focus towards Turkey and India, steering clear of the European market
- ▶ Are Asian producers set to dominate European countries by 2025, and what factors may thwart their plans?

Senior Representative, **CHEM-COURIER**, Ukraine

9:40 The role of the Sustainable Development Programme in Europe

- ▶ The balance between voluntary actions and regulatory demands in the PVC value chain
- ▶ Are additional programs needed alongside existing or upcoming regulations?
- ▶ Our current and future plans

Charlotte Roeber, Managing Director, **VINYLPLUS**, Belgium

10:10 View of the PVC additives manufacturers on the ECHA investigation report

- ▶ Background of the ECHA investigation report
- ▶ Specific stabilisers and plasticisers aspects in the ECHA report
- ▶ Background of the ECHA investigation report

Tímea Szentgyörgyi, Sector Group Manager, **CEFIC**, Belgium

10:40 Networking break

11:20 Current legal issues on the regulation of PVC in food contact materials

- ▶ EU legislative priorities for 2024 affecting FCMs
- ▶ Commission recommendation (EU) 2022/2510 on establishing a European framework for "inherently safe and sustainable" chemicals and materials

- ▶ Outlook for regulatory issues affecting PVC
Dr. Anna Gergely, Senior Consultant - EHS Regulatory, **MAYER BROWN EUROPE**, Belgium

SESSION 2: Advances in Additive Technology

11: 50 Why developing PVC additives using ASF methodology is the best way to progress towards long-term vinyl sustainability

- ▶ The principles of the ASF methodology
- ▶ Selecting additives to improve sustainability
- ▶ Real world examples of ASF in action

Dr. Ettore Nanni, CEO, **REAGENS GROUP**, Italy

12: 20 Organotin-based stabilisers in PVC - fact and fiction

- ▶ Performance of organotin-based PVC heat stabilisers
- ▶ Toxicology and regulatory issues
- ▶ Assessment of potential alternatives

Dr. Dieter Drohmann, CEO, **CHEMSERVICE GROUP**, Switzerland

12:50 Networking lunch

14:20 Safe, sustainable and efficient alternative for antimony oxide (ATO) in PVC

- ▶ Today's challenges facing the use of antimony trioxide (ATO) in PVC formulations
- ▶ Overview of char formers and smoke suppressants providing alternatives to ATO as multi-functional solutions for PVC formulators
- ▶ Application examples of alternatives to antimony trioxide (ATO) and zinc borate in a variety of PVC applications

David Temples, New Business Development Manager, **HUBER**, USA

14:50 Chemical blowing agents to enhance the sustainability of PVC foamed formulations

- ▶ Overview of chemical blowing agents technologies in the market
- ▶ LCA analysis on several cases studies of foamed PVC products (artificial leather, flooring, PVC wallpaper)
- ▶ Regulatory update on the case of chemical blowing agents

Jorge Kabbabe, Business Development Manager, **SOLVAY**, France

15:20 Presentation to be announced

15:50 Networking break

SESSION 3: Plasticisers

16:30 Plasticisers update - regulation and sustainability

- ▶ Update on current EU regulatory development
- ▶ The ECHA investigation report on PVC and additives
- ▶ Sustainable plasticisers portfolio development

Dr. Hendrik Fischer, Director Advocacy and Regulatory Marketing, **EVONIK OXENO**, Germany

17:00 Plasticisers on the move: is a change in raw material source the future of plasticisers?

- ▶ Bio-based raw materials versus bio-mass-balanced

- ▶ Principle of the mass-balance approach
 - ▶ Our portfolio of bio-mass-balanced products
- Dr. Axel Grimm, Technical Marketing Manager - Plasticisers, **BASF**, Germany

17:30 Enabling the development of PVC articles with plant-based products for a sustainable future

- ▶ The drivers for sustainable products based on PVC
- ▶ Introduction of new plant-based chemistry and available LCA data
- ▶ Technical performance (including heat stability) in PVC plastisols

Dr. Martin Stimpson, Market Development Manager - Specialty Plasticisers, **VALTRIS SPECIALITY CHEMICALS**, UK

20.00 Networking function

Thursday 26 September 2024

8:30 Registration and welcome coffee

9:00 Opening announcements

SESSION 4: Sustainability in the PVC Industry

9:10 Sustainable PVC - reducing carbon footprint and exploring alternatives

- ▶ Progressing towards net-zero and reducing ecological impact at our facilities
- ▶ Case study: recovery of post-industrial medical PVC waste
- ▶ Case study: DOTP plasticisers made from waste PET bottles

Dr. Selvaggia Landi, Senior Polymer Technologist, **ALPHAGARY ORBIA**, UK

9:40 Recyclability evaluation of rigid PVC by profile extrusion process

- ▶ Circular economy and recyclability in PVC
- ▶ Alternative raw materials case study
- ▶ Study of the influence of each processing cycle on the mechanical and physical properties of PVC

Marta Pérez Argilés, R&D Technician, **AIMPLAS**, Spain
Alicia Barbas, Mechanical Recycling Researcher, **AIMPLAS**, Spain

10:10 Panel discussion: can legislation and technological innovation promote a sustainable future for PVC?

Dr. Ettore Nanni, CEO, **REAGENS GROUP**, Italy
More panellists to be announced

10:50 Networking break

SESSION 5: Progress in Compounding

11:30 The evolution of formulations of PVC compounds for cables in the context of a non-toxic environment

- ▶ The history of PVC compounding for cables in relation to

regulatory development

- ▶ The challenges and opportunities associated with obtaining a 'non-toxic' environment
 - ▶ Designing cables with future regulation in mind
- Gianluca Sarti, Technical Advisor, **PVC4CABLES**, Italy

12:00 Formulation and compounding for sustainability

- ▶ Formulation tools for sustainable PVC compounds
- ▶ Integrating recycling strategies into formulation and compounding of PVC
- ▶ Biodegradation of flexible PVC

Albert Molinos, Research & Innovation Manager, **WESTLAKE**, Spain

12:30 Designing durable soft PVC articles with improved future recyclability

- ▶ The disparity between rigid and flexible PVC recycling rate
- ▶ How plasticisers and resins based on renewable content can aid recyclability

▶ Designing flexible PVC products for recycling
Martin Hansson, Business Manager - Plasticisers & PA, **PERSTORP**, Sweden

13:00 Networking lunch

SESSION 6: Advances in Processing and Testing

14:30 Advantages of using high molecular weight PVC grades blended with NBR

- ▶ Benefits of using high molecular weight PVC blended with NBR
- ▶ Formulation cost optimisation with high molecular weight PVC combined with NBR
- ▶ Typical applications and improved properties of these blends

Rogério Marques, Technical Service Manager, **SHIN-ETSU**, Portugal

15:00 Hildebrand solubility parameters of PVC, C-PVC and their organic additives - no kind of magic

- ▶ How additive polarity can affect the processing of PVC
- ▶ Calculating hildebrand solubility parameters
- ▶ How proper calculation of these parameters can improve our understanding of additive compatibility

Michael Schiller, Founder and Owner, **HMS CONCEPT**, Austria

15:30 Presentation to be announced

16:00 Networking break and event ends

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AMI reserves the right to alter the agenda without notice. The latest agenda, including any new speakers, changes to the schedule, and any amendments to pricing and terms and conditions can be viewed on our website: www.amiplastics.com

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Explore Düsseldorf

Düsseldorf is a city in western Germany known for its fashion industry and art scene. It is set on the Rhine River, with streets lined with boutique shops and its church and castle date to the 13th century. We encourage attendees to explore this vibrant city around the conference.

See some suggested ways to Explore Dusseldorf at: www.duesseldorf-tourismus.de



Five reasons to attend:

- + **LEARN** how to optimise formulations for both rigid and flexible PVC compounds
- + **DISCUSS** the impact of market and regulatory updates
- + **EXAMINE** the latest innovations in various additives to add value to formulations
- + **DISCOVER** the challenges and opportunities for PVC in the circular economy
- + **NETWORK** with industry experts from across the PVC supply chain

Featured Speakers



Albert Molinos
Research & Innovation Manager
WESTLAKE



Martin Hansson
Business Manager - Plasticisers & PA
PERSTORP



Gianluca Sarti
Technical Advisor
PVC4CABLES



Dr. Selvaggia Landi
Senior Polymer Technologist
ALPHAGARY ORBIA



Charlotte Roeber
Managing Director
VINYLPLUS



Dr. Ettore Nanni
CEO
REAGENS GROUP

2023 Highlights



150+
Attendees



14+
Expert speakers



25+
Exhibitors



A well-run, wide-ranging PVC event with a good opportunity to network.

IKA



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Full price € 1,715*.

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