ATIPIC

TECHNICAL Afternoon 2024

THEME: *Opportunities for Coatings*

Date: Tuesday June 4th 2024
Time: 13:30 hrs. – 17:00 hrs.
Venue: Berkenhof
Ruisbroekstraat 24, 3360 Bierbeek
Tel: 016 46 16 28
www.berkenhof.be

Time	PROGRAM / Titles	Speakers (Company)
13:30 hrs.	**Welcome / Registration (coffee/tea)**	
14 :00 hrs.	**Opening by Dr. Jacques Warnon president ATIPIC**	
14:05 hrs.	**Polymer Performance trough Knowledge**	***Jos Huybrechts (Synpo)***
14:40 hrs.	**Proactively steer the innovation pipeline towards sustainable transition of additives**	***Carina Kraft (BYK)***
15:15 hrs.	**Coffee Break & time for net-working**	
15:30 hrs.	**New low labelled Curing Agents for Epoxy Flooring Applications**	***Dominique Vanden berghe (Westlake Epoxy)***
16:05 hrs	**A Revolution in large area Bonding: the first sprayable MS Polymer Adhesive**	***Kristof Van Havenbergh (Novatech)***
16:40 hrs	**Presentation of the new logo of ATIPC**	***Jacques Warnon***
16:50 hrs.	**Closure and networking drinks**	

ABSTRACTS

14:40 hrs. Polymer Performance trough Knowledge — ***Jos Huybrechts (Synpo)***

SYNPO (www.synpo.cz) is a Czech R&D company with over 70-year experience in the area of synthetic polymers and resins with the main applications focused on paints, adhesives and composites including bio and nanomaterials. The company has been playing a key role as an interface between industry and academic research. During its history SYNPO served to over 500 satisfied clients from various European countries, USA, and Japan. SYNPO offers research and development of new products and technologies, analytical and testing services including aging in accredited laboratories. SYNPO is equipped to synthesize, formulate and characterize polymeric binders. Company is equipped with analysis methods like e.g. titrations for reactive functional groups, rheology, molecular weight determination (GPC-MALS, A4F-MALS) chemical and physical properties (FTIR, DMA, DSC and MDSC, GC-MS) and film formation (AFM). SYNPO closely cooperates with University of Pardubice to perform more detailed analysis like e.g. NMR, ICP, EDX. The company is also well equipped with different types of climatic chambers, salts spray, programmable chambers with different temperature and condensation cycles for paint testing. The physical chemical department of SYNPO covers a wide range of test methods and can also perform quality tests on composite materials such as determination of FVC, micrography and DMA. In addition, the department can run mechanical tests such as tensile, bending, short beam 3-point bending and Charpy. Moreover SYNPO can offer support in scale-up processes and toll production in their pilot plant (up to 300 L reactor) including pigmented systems such as coatings or casting systems (e.g. products sold under trade names Akrylmetal®; Veropal®) and adhesives based and 2K epoxy, PU and 1K acrylic technologies. Last but not least, the SYNPO´s employees published over 150 scientific papers in peer-review journals and presented hundreds of contributions in scientific meetings.

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ABSTRACTS (next)

14:40 hrs. **Proactively steer the innovation pipeline towards sustainable transition of additives** — ***Carina Kraft (BYK)***

A European assessment framework for 'safe and sustainable by design' chemicals and materials was announced on 8 December 2022. The framework aims to substitute or minimize the production and use of substances of concern and at the same time wants to minimize the impact on health, climate and the environment during the entire life cycle. To address sustainability aspects during the product development process and steer the innovation pipeline, BYK has implemented the so-called Portfolio Sustainability Assessment (PSA) from the WBCSD (The World Business Council for Sustainable Development). This methodology can be used to identify risks and opportunities in the context of sustainability, always focussing on a product-application combination (PAC). In addition to transparency, it also creates a standardised language when talking about sustainability for chemical products.
BYK is a leading global supplier of specialty chemicals. The company's innovative additives and differentiated solutions optimize product and material properties as well as production and application processes. Amongst other things, BYK additives improve scratch resistance and surface gloss, the mechanical strength or flow behavior of materials, and properties such as UV- and light stability or flame retardancy. In the field of quality assurance, BYK's measuring and testing instruments serve to effectively assess appearance and physical properties

15:30 hrs. **New low labelled Curing Agents for Epoxy Flooring Applications** — ***Dominique Vanden berghe (Westlake Epoxy)***

Accelerators are broadly used for the formulation of amine curing agents for epoxy flooring applications. However, within the last years the labelling of many of those accelerators became more severe.
Is it possible to have low labelled curing agents and maintain easy handling and excellent performance?

16:05 hrs **A Revolution in large area Bonding: the first sprayable MS Polymer Adhesive** — ***Kristof Van Havenbergh (Novatech)***

Imagine. Tec7, in a spray can. Mounting and sealing, but with the easy of a spray gun…The landscape of adhesive technology is evolving rapidly, with traditional options like contact adhesives and PU adhesives facing growing concerns due to their drawbacks, including health risks and limited performance in varying conditions. In response, MS Hybrid polymer technology has attracted attention as a possible solution. However, the viscosity of these polymers has historically hindered their application via spraying. Until now.
Tec7, a pioneer in MS Hybrid Polymer technology, has broken new ground with the development of SprayTec, the first sprayable MS Hybrid polymer adhesive. This breakthrough adhesive offers a number of advantages over traditional spray adhesives, including repositionability, single-sided application, and effectiveness on humid surfaces. With a solids content of 100%, SprayTec maximizes value and performance while also featuring increased temperature resistance and improved health and environmental attributes.
SprayTec represents a paradigm shift in adhesive technology, offering a versatile and efficient solution that addresses the limitations of conventional adhesives, setting a new standard for performance, safety, and sustainability in the industry.

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EGISTRATION FEES

Member ATIPIC:	Free
Member AFTPVA/NVVT:	Free
Non-member ATIPIC/AFTPVA/NVVT:	**90,00** EUR (VAT included)
Student:	Free
Speaker:	Free

REGISTRATION & CANCELLING

Registrations are to be made at the latest on **May 29TH 2024** and exclusively with this link:

Registration form

The payment has to be made by transfer on the ATIPIC banking account number BE22 2710 6182 9347 before May 29TH 2024 or by cash or mobile at the entrance of the conference room.
Please mention your first name and last name as communication on your bank transfer.

To cancel your registration please contact by mail info@atipic.be at the latest by **May 29TH 2024**
Any canceling after this date will induce the sending of an invoice for the mentioned amount on the fill-in registration form.

Next events in 2024/2025

October 8th: Academic Workshop with BPG venue Berkenhof in Bierbeek
October 12th or 19th ATIPIC Relax (venue still to be defined)
December (first week): Company Visit to be announced soon
February 4th 2025: Symposium and General Assembly ATIPIC

ATIPIC Management

Jacques Warnon, President	Simon Kervyn
Romain Haegeman, Secretary	Jacky Duchenne
Eric Mol, Vice-president	Nick Dewingaerden
Catherine Dekerckheer, Vice-president	Johan Rommens
Philippe Janssens, Treasurer	Jennifer Demeuldre, Secretariat ATIPIC

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