

BIOBASED COATINGS APAC 2020

PULLMAN BANGKOK HOTEL G
15-16 JANUARY, BANGKOK, THAILAND

New Developments in Coatings Industry with Biobased Materials

CONFIRMED SPEAKERS

- Petcharat Eksangkul – Director – **Eason Paints** / Former President - **Thailand Paint Manufacturers Association (TPMA)**
- Sachin Joshi – Managing Director - **SK Formulations**
- Ninlawan Boontawee – Technical Product Manager - **Advanced Biochemical (Thailand) Co., Ltd.**
- Avneesh Kabra – Marketing Manager (APAC & MEA) – **Troy Corp**
- Dr. Nikolaus Raupp – Senior Manager Regional Marketing- **BASF**
- Huzaifa Matawala – Paint Recyclist - **Regent Paints Inc. USA**
- Amol Mulajkar – Deputy General Manager – **Soujanya Color**
- Tapan Dhar – Sr.Vice President (R&D) – **Berger Paints**
- Andreas Wolf – Business Unit Manager Asia Pacific – **Schutz GMBH**
- Mertella Manansala-Ysulat – Science Research Specialist – **DOST-ITDI**
- Otto Soidinsalo – Technical Application Manager– **Borregard Exilva**
- Ayub Mulla – Application & Tech. Development ASEAN – **PT Covestro Polymers Indonesia**
- Lucy E. Griffiths – Technical Director, PPG Industrial Coatings Asia Pacific – **PPG Coatings (Malaysia) Sdn. Bhd.**
- Melvin Spalburg – Head of Manufacturing – **Akzonobel**
- Ingo Krull – Chief Development Officer – **Vink Chemicals GmbH & co.kg**

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OXILVA
A product by  **Borregard**

DAY 1

Wednesday 15th January 2020

08:00 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING REMARKS**



Lucy E. Griffiths
Technical Director
PPG Malaysia

09:15 **CONFERENCE PRESENTATION**

Sourcing of Raw Materials, Pricing & Supply Chain Management

- Overview On Supply Chain Management And Cost Of Production
 - Supply Chain Planning
 - Cost Of Transportation And Warehousing
 - Reducing Lead Time



Melvin Spalburg
Head Of Manufacturing
Akzonobel

10:00 **CONFERENCE PRESENTATION**

Impact of Government Policies & Regulations

- Political Movements by Governments of Different Countries
 - Ban On Lead Containing Paints
 - Future of solvent paints
- Impact Of Reach Regulations In Asian Market



Petcharat Eksangkul
Director & Former President (TPMA)
Eason Paints

10:45 **MORNING REFRESHMENTS**

11:15 **CONFERENCE PRESENTATION**

Building the market for a novel biobased product – from an idea to a commercial scale

- Life cycle assessment (LCA) of Exilva (microfibrillated cellulose)
- Physical fibril network providing unique rheological and mechanical properties
- Performance improvements on coatings with Exilva – Excellent sag resistance without sacrificing levelling



Otto Soidinsalo
Technical Application Manager
Borregard Exilva

12:00 **CONFERENCE PRESENTATION**

Advanced Preservatives for Bio-based Coatings

- New Developments In Preservatives to Support Plant based Coatings
- Purpose of Different Preservatives & Additives



Avneesh Kabra
Marketing Manager (APAC & MEA)
Troy Corp

12:45 **LUNCH**

13:45 **CONFERENCE PRESENTATION**

Bio-sourced Epoxy Building Blocks For Thermoset Material

- Growth of bio-sourced polymers, their role in thermoset polymers.

- Some synthetic strategies for bio sourced monomers and polymers.
- Potential to address certain key regulatory concerns
- Providing wider window for coating formulators, to maximize sustainability initiatives.



Dr. Alok Khullar
Sr. GM- R&D
Aditya Birla Chemicals (Thailand)
Ltd. Advanced Materials

14:30

CONFERENCE PRESENTATION

Advancements in Technology to Overcome Environmental Challenges

- Overcoming Performance And Quality Issues In Biobased Coatings
- Technological Drivers To Move From Low VOC To Zero VOC
- Reducing Carbon Footprint From Coatings



Sachin Joshi
Director
Sk Formulations India pvt ltd

15:15

AFTERNOON REFRESHMENTS

15:45

SESSION ONE

Creating a Sustainable Environment with Biobased Coatings

- Formulation approaches to Sustainable coating
 - Sustainability challenges
 - Sustainable Formulation approaches
 - Bio based coating materials and Sustainability
 - Conclusion



Tapan Kumar Dhar
Vice President (R&D)
Berger Paints

16:30

- Sustainable renewable raw materials for paints and coatings”

- General industry trends
- Renewable raw materials in BASF
- special developments for the paints and coatings industry
- the BASF biomass balance approach
- customer examples



Dr. Nikolaus Raupp
Senior Manager
BASF

17:15

CHAIRMAN'S CLOSING REMARKS

17:25

CLOSE OF DAY ONE

DAY 2

Thursday 16th January 2020

08:30 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING REMARKS**



Huzaiifa Matawala
Paint Recyclist
Regent Paints Inc. USA.

09:10

CONFERENCE PRESENTATION

Innovative Color Solutions for Modern Coatings

- Architectural coating industry has undergone great change in last ten years
- Today's coatings have much different raw material base, environmental profile, performance properties and cost economics
- Colorants and Paints go hand-in-hand to service the customers
- Colorant formulations have also revived in order to cope-up with changing demands on paint performance



Amol Mulajkar
Deputy General Manager
Soujanya Color

09:55

CONFERENCE PRESENTATION Innovative Packaging Solutions for Bio based Coatings

- SCHÜTZ's newest administration free packaging innovations that help to improve process safety and process stability to reduce cost of up to 50% along the supply chain
- The HX IBC enables residual emptying less than 0.3 litres and excellent stirring results with residual volumes as low as 50 litres, even for highly viscous products
- The disposable pre-installed SCHÜTZ Impeller avoids cleaning processes and enables clean and efficient homogenization processes while the containers remain permanently closed along the supply chain
- The CLEANCERT + DUALPROTECT extends the shelf-life of the filling product and provides double leakproofness thanks to liner and inner bottle
- The SX-D IBC is tested and approved by the Underwriters Laboratories (UL Test 2368) in a standard fire test and enables storage and transportation according to NFPA 30 code



Andreas Wolf
Business Unit Manager Asia Pacific
SCHÜTZ GmbH & Co. KGaA

10:40

MORNING REFRESHMENTS

11:10

PANEL DISCUSSION

The Discussion will Focus on Market Opportunities, Raw Materials & Sustainability

- Developing market opportunities for biobased coatings, establishing sectors that best potential for growth strategies to capitalise on them
- Bio-based ingredients for coatings: what problems are we trying to solve with bio-based coatings?
- sustainability and environmental factors surrounding the coatings industry. Adoption of biobased materials as a way to transition towards a greener economy



Lucy E. Griffiths
Technical Director
PPG Malaysia



Tapan Kumar Dhar
Vice President (R&D)
Berger Paints

11:55



Dr. Alok Khullar
Sr. GM- R&D
Aditya Birla Chemicals (Thailand) Ltd. Advanced Materials

CONFERENCE PRESENTATION Choosing the right Biocide in a complex (Legislative) environment

- Changes to the legislation
- Changes by application
- Global Availability of biocides



Ingo Krull
Chief Development Officer
Vink Chemicals GmbH & Co. kg

12:40

LUNCH

13:40

CONFERENCE PRESENTATION MAXIMUM SUSTAINABILITY

Revolutionary work on reformulating coatings. Reusability of maximum items preventing them from going to waste streams. Savings in disposal costs with Environmentally sustainable way. Opening avenues to industries helping them collaborate and maximize sustainability.



Huzaiifa Matawala
Paint Recyclist
Regent Paints Inc. USA.

14:25

CONFERENCE PRESENTATION Enabling Sustainable Epoxies by Bio-based Materials

- Creating Sustainable Approach In Coatings Industry
- Green Polymers To Reduce Harmful Substances



Ninlawan Boontawee
Technical Product Manager
Advanced Biochemical (Thailand) Co., Ltd.

15:10

MORNING REFRESHMENTS

15:55

CONFERENCE PRESENTATION A New Bio Based Aliphatic Polyisocyanate

- The first isocyanate with significant bio-content: 71% renewable carbon*
- 30% reduction in Carbon footprint
- 100% performance in PU Coatings.



Ayub Mulla
Application & Tech. Development
ASEAN
PT Covestro Polymers Indonesia

16:40

CONFERENCE PRESENTATION Materials from Nature: Pushing Sustainable Green Initiatives

- Emergence of natural materials in paints and coatings industry
- Overview of synthesis and properties of some natural materials
- Potential applications of natural materials in the industry



Mertella Manansal-Ysulat
Science Research Specialist
Industrial Technology Development Institute

17:25

CHAIRMAN'S CLOSING REMARKS

17:35

END OF CONFERENCE & AFTERNOON REFRESHMENTS