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Philip Bruce succeeds Bernard Ghyoot as FEICA Secretary General

FEICA has appointed a successor to its retiring Secretary General

FEICA's President, Steve Kenny, announced that Philip Bruce, Director of PJB Chemical Consulting Ltd, has been confirmed as the incoming Secretary General of the association. FEICA's acting Secretary General OC, Bernard Ghyoot, will retire at the end of March 2016. Philip is currently working alongside Bernard at the FEICA office in Brussels in order to ensure a smooth and efficient transition. He will assume full responsibility as FEICA Secretary General from 1 March 2016.

Philip joins FEICA following a successful career in specialty chemicals and adhesives, culminating in his appointment as Managing Director of Scott Bader based in the United Kingdom. He led the company globally for more than 10 years, overseeing all aspects of the business, with operations spanning ten production sites across

three continents.

Bernard has been with FEICA since October 2006 following a long career at Dow Corning where he held various senior positions both in Europe and abroad. His dedication and commitment to FEICA have been pivotal in ensuring that the association is now the universally recognised and highly respected voice of the adhesive and sealant industry in Europe.

Steve Kenny said, "We welcome Philip into the team and wish Bernard a very happy, healthy and well-deserved retirement after almost 10 years at the helm of FEICA. FEICA continues to thrive and to build effectively on recent successes; I firmly believe we have a bright future ahead. Building on the

foundation of FEICA's excellent reputation in the public domain, as well as with the European Commission and all related bodies, my fellow board members and I are confident that Philip will lead the association to new heights of support and service delivery to our valued members and partners throughout Europe."



Bernard Ghyoot **Philip Bruce**

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Members Seminar: REACH Restriction Intention on Diisocyanates

Impact on the adhesives, sealants and construction industries



On 20 January 2016, almost 70 participants gathered at the FEICA co-organised Members Seminar titled 'REACH Intention on Diisocyanates – Impact on the adhesives, sealants and construction industries'.

The event, which took place in Brussels, was co-organised with Deutsche Bauchemie e.V. (DB) and Industrieverband Klebstoffe e.V. (IVK).

The seminar focused on explaining the current status of the diisocyanates restriction proposal developed by the German REACH authority, BAuA (German Federal Institute for Occupational Safety and Health), and the industry activities within the PU (polyurethane) Exchange Panel.

The speakers addressed various aspects of diisocyanates and the impact of the restriction proposal on the production and use of adhesives, sealants and other construction chemicals.

During the workshops that followed the presentations, possible inputs to the regulatory process were discussed and consequently evaluated. These workshops also provided an opportunity for attendees to share their concerns and raise questions.

As IVK, DB and FEICA are closely working together in the PU Exchange Panel, we agreed it would be useful to hold this event in order to clearly illustrate the potential impact that the REACH restriction may have on all our members' businesses, whilst also being able to hear first-hand what their specific concerns may be so that we can engage in a useful and constructive debate.





(continued from page 2) **Members Seminar REACH Restriction Intention on Diisocyanates**

The Seminar

The first speaker at the seminar was **Jörg Palmersheim**, Secretary General of ISOPA (the European Diisocyanate and Polyol Producers Association) and ALIPA (the European Aliphatic Isocyanates Producers Association). After going through the history and current status of the regulatory work on diisocyanates, Jörg detailed the industry advocacy strategy, which includes cooperating with BAuA to enable a pragmatic, credible and reliable mandatory product stewardship programme (as a REACH restriction), with exemptions where appropriate and applicable. The objective is to minimise the additional burden to our industry and reach a harmonised approach for all 28 EU countries.



Dr Hans-Georg Kinzelmann, Corporate Director R&D (Henkel KGaA) and IVK representative on the PU Exchange Panel, talked about the restriction intention of BAuA and the role of the PU Exchange Panel. Hans-Georg's presentation touched on the workforce potentially exposed to diisocyanates across the value chain in Europe, which was established following a survey held in 2014, alternatives for polyurethane, BAuA's Registry of Intent, and the expected date of submission to ECHA and the European Commission. Hans-Georg stressed that harmonised and clearly defined training schemes as the core of the BAuA approach are broadly supported by industry which sees the BAuA approach as a logical advancement of its efforts over recent decades to further improve worker safety. The industry is therefore actively participating in the upcoming process with BAuA and with all other REACH competent authorities in Europe.

Dr Torsten Funk, Regulatory Compliance Manager Chemical Safety (Sika Services AG) and FEICA representative on the PU Exchange Panel, followed up on Hans-Georg's presentation by speaking on the criteria for exemption of products and uses. Torsten also elaborated on the survey on uses of PU products in Europe and the results that were submitted by FEICA, CEPE, FSK,

IVK and DBC. As a result more than seventy use descriptions had been collected and four examples were presented to BAuA. From the questionnaire it was established that the majority of uses are adhesive applications. Torsten added that the legislative process on European level will typically take two to three years until regulation comes into force, which translates into 2018 at the earliest.

Next in line was **Martin Glöckner**, EHS Sustainability Manager (Deutsche Bauchemie e.V.) and DB representative on the PU Exchange Panel. Martin talked about the organisational and technical conditions for further use of diisocyanate-containing products. He highlighted which companies have to consider Annex N "Training" and elaborated on the principles of the training, what it would entail, and who should be exempt. Martin finished by clearly stating the position of the adhesives, sealants and construction chemicals industry and the difference between Annex "N" and "M".

In the final presentation, **Didier Leroy**, Technical Director at CEPE (European Association of paint, printing ink and artists' colours producers), shared the viewpoints of the paints and coatings industry with regard to diisocyanates.





(continued from page 3) **Members Seminar REACH Restriction Intention on Diisocyanates**

The Workshops

During the workshops, valuable feedback was given on the presentations. The first workshop focused on the **USES** to be exempted from restriction and the second focussed on the **CONDITIONS** for further use. Topics covering everything from in-house measurements and data to worst-case scenarios and

e-learning were covered, resulting in very positive and useful discussions. Attendees were split into groups of eight to ten people in order to facilitate the debate.

The general feedback from the event has been very positive, which demonstrates that this formula is one to be repeated!



Presentation proceedings are available for Members on our Extranet. Please note that these documents are for members only and not for distribution.





The FEICA European Adhesive & Sealant Conference and EXPO 2016

Online registration and the “Call for Papers” for FEICA 2016 will be opening soon. You will be notified via email. In the meantime you can check out our conference website www.feica-conferences.com.

**Meet the innovators, experts
and decision makers of the
adhesive and sealant industry.**



2016

Vienna, Austria

FEICA European Adhesive & Sealant Conference and EXPO 2016

7-9 September 2016

Hilton Vienna Am Stadtpark, Austria

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European Model Environmental Product Declarations (EU Model EPDs)

We have mentioned EU Model EPDs in previous issues of CONNECT and are pleased to announce that a new set of EU Model EPDs is now available for our members in addition to the PU-based examples. The new ones are for epoxy-based products.

FEICA has developed several European Model EPDs with the support of thinkstep AG covering most of the construction products in our sector. The Model EPDs are structured by grouping the products according to chemical similarities. Each Model EPD represents the worst-case product of a given product class.

EU Model EPDs are the most suitable type of EPDs for adhesives and sealants. Rather than

covering a particular range of products, they are structured according to chemical composition and cover all products within a certain range of formulations and applications. As the environmental impact of an adhesive or a sealant in a building is comparatively low (<1%), any differentiation between products would not contribute any more meaningful information due to the complexity of the system.

FEICA members and *their* members can declare that one or several of their products are covered by one of these EPDs. In order to do so they will need to request the guidelines via the FEICA website. More info available on the Institute Bauen und Umwelt (IBU) & FEICA websites:

IBU: <http://construction-environment.com/hp11212/EPD-Overview.htm?ITServ=C49c75f15X1506011a081X31c8>

FEICA: <http://www.feica.eu/ehs-sustainability/epd>



We are convinced that the EU Model EPDs for the adhesive and sealant industry are not only crucial for sustainable development, but will lead to significant cost and time savings for companies.

Commission to reform and condense scientific committees

Non-food committees, Scher and Scenihr, to merge in April

The scientific committees that assist the European Commission in its health and environmental policy making are to be reformed in April this year. The mandate of the Scientific Committee on Consumer Safety (SCCS), the Scientific Committee on Health and Environmental Risks (Scher) and Scientific

Committee on Emerging and Newly Identified Health Risks (Scenihr) will expire at the beginning of April.

The Commission Decision of 7 August 2015 sets out the new arrangements. These include a new committee to carry the name SCCS, and a second, effectively merging the Scher

and the Scenihr, to be called the Scientific Committee on Health, Environmental and Emerging Risks (Scheer). Recent rules on special allowances, established for the Commission's expert groups, are to be made applicable to the committees as well. http://ec.europa.eu/health/scientific_committees/docs/call_2015_5383_decision_en.pdf





FEICA to accelerate its Sustainable Development (SD) awareness programme

Aligned with the SD Internal Position paper issued in 2015, and in agreement with the Executive Board, FEICA's SD committee will be implementing an awareness programme in 2016 within our membership.

FEICA's Sustainable Development awareness programme will include:

Communicating more SD emerging issues explaining in a compact format EU Policies under development that may potentially affect our industry such as the circular economy, green public procurement, waste recycling, and so on (four SD emerging issues have already been produced).

Circulating SD case stories or SD good practices, which outline, through practical examples, how large and small companies are reaping benefits by implementing SD principles in the adhesive and sealant industry.

Publishing an SD Glossary

Please let us know via news@feica.eu whether your company would be interested in joining this effort by sending in your own case stories.

The SD awareness programme was introduced at the National Association Members (NAM) plenary Forum, which took place in Vilamoura on 8 September 2015, and a roadmap has consequently been drawn up with the various planned information streams.

The role of the NAMs is of pivotal importance to this programme as they act as a relay to reach the SMEs and to explain the importance of endorsing the SD principles.

More information is available on: <http://www.feica.eu/ehs-sustainability/sustainable-development>

FEICA'S SUSTAINABLE DEVELOPMENT VISION

The adhesive and sealant industry is committed to enabling a growing population to live a better life and to use the planet's resources more responsibly and efficiently.





New FEICA Guidance at a Glance published: Exposure Scenarios (ES)

FEICA's ES Series

These FEICA publications aim to assist our members with their preparation to fulfil their obligations under REACH Regulation to communicate on the safe use of **mixtures** information within the supply chain.

The first three publications in the ES series are:

- FEICA's contribution to ECHA's Chemical Safety Report/Exposure Scenario Roadmap
- The relevance of SpERCs to FEICA Members
- The relevance of SCEDs to FEICA Members.

While the first document is a general document explaining FEICA's contribution to the ECHA ES/CSR Roadmap, the second one addresses the Specific Environmental Release Categories (SpERCs), with an overview of their relevance to FEICA members.

The third publication explains the relevance of the Sector-Specific Consumer Exposure Determinants (SCEDs) to our members and how they facilitate your REACH requirements for communicating use conditions and habits.

These documents were prepared by the FEICA Exposure Scenarios Technical Task Force.

All Guidance papers can be downloaded from the Extranet (members only).

<http://www.feica.info/Extranet/>



The downstream users of chemicals co-ordination group (DUCC) publishes new document on Safe Use of Mixtures

DUCC Guidance on "Sector-specific approaches towards developing & communicating information for the safe use of mixtures"

Formulators have an important and challenging role under REACH in communicating safe use conditions of mixtures. Approaches have been developed under the CSR/ES roadmap which are now ready for formulators to use.

DUCC's document on "Sector-Specific approaches towards developing and communicating information for the safe use of mixtures" explains the 'bottom-up' approach developed by some downstream users sector associations (FEICA included) for deriving information on the safe use of mixtures.

This approach has two main elements:

- Safe Use of Mixtures Information (SUMI), which aims at providing simplified and tailored information on the safe use of mixtures for *end-users*;
- Sector-Specific Workers Exposure Descriptions (SWEDs), which have the detailed information for the worker exposure assessment and are the basis of the SUMIs;

ENES9: Materials from the ninth meeting of the Exchange Network on Exposure Scenarios (ENES9) are available on the ECHA [website](#).

The SUMIs were developed by DUCC sectors and the agreed template was presented at the ENES to the authorities, ECHA and other stakeholders.

The final version is included in the guidance. By contrast, the SWED template has not yet been finalised. These discussions are still ongoing under action 2.3.A of the CSA/ES roadmap.

FEICA is also working on the approach outlined in the document and, being a partner of DUCC, gave input to the guidance.

The full document can be read on the DUCC [website](#).





FEICA Members REACH Info Day Exposure Scenarios

REACH 2018: Improved supply chain communication



In the context of ECHA's Chemical Safety Assessment/ Exposure Scenario roadmap, and ahead of the REACH 2018 registration deadline, FEICA organised a "REACH Info Day" on 4 November 2015 in order to present the various "FEICA packages" that are being developed for improving the communication of the safe use and conditions of use of mixtures within the supply chain.

These "FEICA packages" consist of tools, fact sheets and guidance and are being developed specifically for the adhesive and sealant sector to help our members comply with the REACH Chemical Safety Assessments.

The proceedings are available for FEICA members on the FEICA Extranet. These documents are for members only; not for distribution. The National Associations are welcome to share them with their members.



Cefic updates ECom (V2.1) phrase catalogue

The European Chemical Industry Council (Cefic) released an updated version of the exposure scenario communication (ECom) phrase catalogue.

Harmonised phrases in exposure scenarios help downstream users to recognise and understand information more readily.

In addition, translation is simplified, with opportunities for improved quality and reduced cost.

Whether you use chemicals or supply them, encourage all partners in your supply chain to use the ECom Catalogue and other useful products of the CSR/ES Roadmap activities.

Version 2.1 is downloadable from the Cefic website here:

<http://www.cefic.org/Industry-support/Implementing-reach/escom/>

About ECom

Launched in 2010 with the continuous input of the European Chemicals Agency (ECHA), the ECom standard for the exchange of Exposure Scenario (ES) data between IT systems has been developed to enable consistent and harmonised communication of ES information throughout the supply chain. This is a key process for the successful implementation of REACH.





REACH data-sharing principles clarified

The European Commission Implementing Regulation (EU) 2016/9 on the joint submission of data and data sharing in accordance with the REACH Regulation was published in the Official Journal of the European Union on 6 January 2016.

You can download the full text here:

http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2016.003.01.0041.01.ENG&toc=OJ:L:2016:003:TOC

The Regulation defines more clearly what the terms 'fair, transparent and non-discriminatory' mean for data sharing in the REACH Regulation and gives ECHA a mandate to ensure that all registrants of the same substance are part of one joint registration.

The regulation is applicable as of 26 January 2016.

One substance, one registration

ECHA will have a stronger role in getting companies to submit a joint registration when there are multiple registrants for the same substance. The new REACH-IT, to be launched in late spring 2016, will not allow registrations outside of joint submissions.

While all registrants of the same substance must belong to the joint registration, in some cases, registrants can still submit their own data. For example, if there are disagreements about the selection of data, an opt-out for those data points is possible. This still means that all registrants of the same substance remain part of the joint registration.

ECHA is updating its IT tools, related guidance documents, and other support material to reflect the changes.

<http://echa.europa.eu/>



ECHA introduces infocards

ECHA has launched a completely new way of finding information about the chemicals that have been registered under REACH or have been notified to the CLP inventory.

Offering details on substance properties, hazards and uses, and on relevant regulatory activities and outcomes, ECHA believes that the changes have the potential, in the long term, to significantly increase the sum of public knowledge about chemicals.

ECHA's new website allows visitors to find information about up to **120 000 chemicals** in three layers of complexity: the simple infocard, the more detailed brief profile and the full source data.

The infocard, the simplest level, gives information on the hazards of chemicals in plain English.

As reference material, you will find the press release, translated into **22 languages** on the ECHA website here:

http://echa.europa.eu/view-article/-/journal_content/title/know-more-about-the-effects-of-the-chemicals-we-use-in-europe





Prioritisation process for regulatory affairs issues proves its worth

FEICA's prioritisation tool deemed very efficient

As an industry association, FEICA covers a vast scope of products and applications. However, with a diverse membership ranging from national associations to adhesive and sealant producers, it can be difficult to comprehensively gauge what the most relevant and pressing issues to focus on are. As a result, FEICA's European Technical Board (ETB) has developed a fair and transparent prioritisation process that has now been tried and

tested for more than half a decade.

Each year, the ETB reviews FEICA's list of regulatory issues and sets priorities for the next twelve months. To do this, FEICA's "**prioritisation tool**" is applied to each issue. In this process, the Technical Working Group ranks the issues according to the business importance (i.e. financial and administrative burden; sectors affected, etc) and the probability to achieve the agreed objectives, the idea is that our resources should only be allocated towards issues that

score high enough in both areas.

This process has been designed especially for the prioritisation of regulatory issues and to ensure that the ETB is in a position to approve the topics that have come out "on top" in a straightforward and democratic manner. As a result, we ensure the best interests of our members. FEICA's work on horizontal political issues such as sustainability are not affected by this procedure. **FEICA members will soon be able to check what this year's priorities will be on www.feica.info/Extranet.**

Synthesis of polyurethanes from CO₂-based polyols: a challenge for sustainable adhesives - abstract by INESCOP

Raw materials used in adhesive polyurethane formulations for the footwear industry come from non-renewable fossil resources. This strong dependence of the chemical industry with regard to fossil fuels, such as oil, contributes negatively to the environment. For this reason, there is a trend towards sustainable products that minimise the use of oil resources.

Previous studies demonstrated the feasibility of replacing polyols, one of the essential components of polyurethanes, as vegetable oils, a sustainable alternative to sustainable polyurethanes. However, they compete with food production for humans or animal feed. In this sense, the use of carbon dioxide as a feedstock for the chemical industry is an interesting alternative to oil because

CO₂ is useful, versatile, non-flammable and its presence is abundant in the atmosphere. Specifically, carbon dioxide could be used for the synthesis of polyurethanes, one of the most polymers produced worldwide, currently dependent on fossil fuels.

This work focused on the synthesis of polyurethane adhesives containing polyols from CO₂. They were synthesised with 4,4'-diphenylmethane diisocyanate (MDI) and 1,4-butanediol as a chain extender. The sustainable polyurethane adhesives derived from carbon dioxide were characterised by Fourier Transform Infrared Spectroscopy (FTIR) and thermogravimetric tests (TGA). Finally, the adhesion properties were measured from a T-peel test on leather/polyurethane

adhesive/SBR rubber joints, in order to establish the amount of CO₂-based polyol that could be added to polyurethane adhesives satisfactorily to meet the quality requirements of footwear joints.

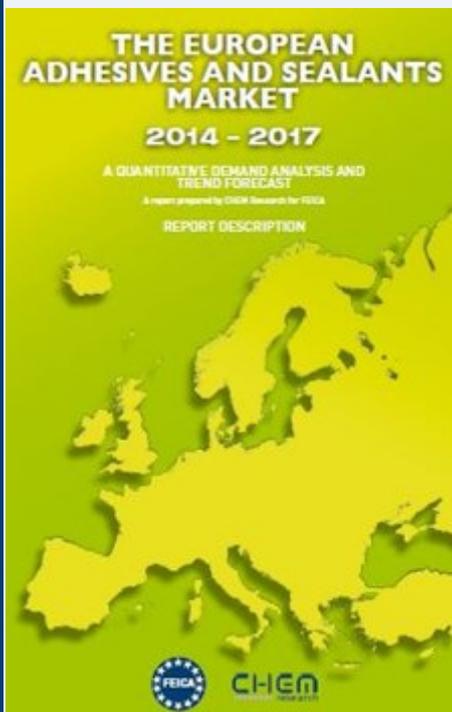
With thanks to INESCOP for this abstract. INESCOP - Footwear Technology Institute. Campo Alto Industrial Zone. 03600 Elda. Alicante. Spain.

The full article, Reference nr. JAAD1770, written by Elena Orgilés-Calpena, Francisca Arán-Aís, Ana M. Torró-Palau, Enrique Montiel-Parreño, César Orgilés-Barceló can be obtained from the International Journal of Adhesion and Adhesives via <http://dx.doi.org/10.1016/j.ijadhadh.2015.12.027>





The European Adhesives & Sealants Market Report 2014-2017



FEICA is pleased to announce that the 2014-2017 Market Report is available to order from our website via: <http://www.feica.eu/library/market-reports>

The aim of this report is to provide market statistics from an independent source which are updated at regular intervals. The analysis is based on primary research and consists of market knowledge obtained by direct interviews within the adhesive and sealant industry (formulators, raw material producers, equipment suppliers...), and analysed by CHEM Research.

The geographic scope of the study encompasses Europe, including Western Europe, Central and Eastern Europe (CEE) and Turkey. The European region is split into 16 regional markets, which are analysed by market segment and product category. The market size is defined for the year 2014 and a demand forecast for the period 2014-2017 is also provided. The statistical data are reported in tonnes and euro.

French substitution bill for Hazardous Chemicals

The French National Assembly has given its first reading to a bill which would establish a list of hazardous chemicals that companies would be encouraged to substitute. The bill would not make substitution mandatory, but would require companies to check whether their products contain any of the substances on the list, and to report this to the country's National Institute for Industrial Environment and Risks (Ineris), should this be the case.

Full text can be read here:

<http://www.assemblee-nationale.fr/14/ta/ta0656.asp>





Welcome & Farewell



Philip Bruce will start as Secretary General of FEICA on 1 March 2016

A fond farewell to Bernard and a warm welcome to Philip

On 1 March 2016, FEICA will officially welcome their new Secretary General, Philip Bruce, and bid farewell to Bernard Ghyoot who has led the association for almost 10 years.

As we are in the midst of a handover period, Philip has already become very much part of the team. For the Press Release, which will be issued on 29 February 2016, Philip said "It is an honour to become Secretary General of this distinguished organisation and to have the opportunity to build on Bernard Ghyoot's work to deliver the highest possible value for FEICA's members and the industry as a whole".

Bernard said "I have enjoyed each minute at FEICA and I am proud of what we have achieved together over the past decade. Now there is a new Secretary General who will take the association forward and I wish Philip all the very best. Ours is a great industry to work in and there is still so much to be done!"

FEICA CONNECT is the quarterly newsletter for FEICA Members.

The next issue will be published in May 2016.

Please send any pertinent information to be considered for our May issue before 1 March 2016 to info@feica.eu

Kindly note that FEICA Connect is published four times a year; in January, May, June (Special Conference Issue) and in October.



FEICA thanks the authors who have contributed to FEICA CONNECT.

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