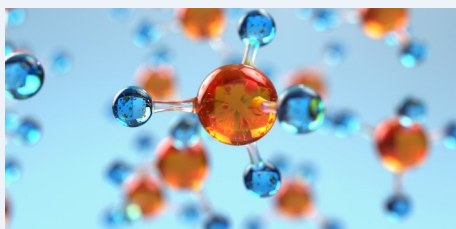




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Publication of the FEICA professional SUMIs for adhesives and sealants



FEICA has published a series of Safe Use of Mixtures Information (SUMIs) for professional end-users of adhesives and sealants.

SUMIs are one of the tools companies can use to communicate safety advice downstream to customers and end-users.



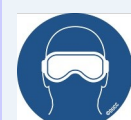
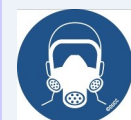
SUMIs (Safe Use of Mixtures Information) are one of the elements of FEICA's 'bottom-up approach' to derive and communicate safety information for adhesives and sealants.

With these new publications, FEICA has contributed another element of the overall Use Map package within the [Chemical Safety Report/Exposure Scenario roadmap](#) – developed jointly with ECHA, Member States and other industry stakeholders - in order to improve the safe use of chemicals.

In contrast to the use map and its building-blocks for exposure assessment inputs (upstream communication for the registrants), the SUMIs are aimed at the downstream communication with your customers. They provide simplified and tailored information on the safe use of your mixtures for the end-users (both professional and industrial workers).

According to the SUMIs template, the section on "Risk Management Measures" can include relevant pictograms, which is thought to be the best way to indicate any Personal Protective Equipment or similar measures needed to ensure the safe handling of our products. Therefore, the Downstream Users of Chemicals Co-ordination Group

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Communication throughout the supply chain is at the core of REACH. Safety data sheets are the main means to achieve this. SUMI templates are a new arrival that provide simplified and tailored information. They are available here: www.feica.eu



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(DUCC), of which FEICA is member, has developed **seven pictograms** (see previous page) to be used in the SUMIs for indicating the need for the following PPE, when applicable: protective clothing and apron, respiratory protection for air fed mask, gloves, dust mask, goggles, and filter mask independent from ambient air.

More information on how to use SUMIs can be found in the DUCC communication "[How to use SUMIs – operational framework](#)". The [published FEICA SUMIs](#) also include the pictograms developed by DUCC. Please read the DUCC Disclaimer and Terms and Conditions of Use before making use of the pictograms.

The FEICA SUMIs will soon be available for FEICA members in Dutch, French, German, Italian, Portuguese, Spanish and Swedish.



FEICA® 2019

**Dubrovnik,
Croatia**

FEICA European Adhesive & Sealant Conference and EXPO 2019

11-13 September 2019

Valamar Dubrovnik Hotels



www.feica-conferences.com





FEICA 2019: Call for Speakers

This is your company's opportunity to address the entire industry!

FEICA is delighted to invite experts to share their knowledge and experience with an international audience of 500+ industry leaders and stakeholders at the 2019 European Adhesive & Sealant Conference and EXPO in Dubrovnik, Croatia

Year-on-year FEICA manages to attract 500+ industry leaders to discuss market drivers and trends, innovation, sustainability and technological advancements. FEICA 2018 was the best attended FEICA conference to date, with 600 participants from 35 countries.

The 2019 Business Forum theme is: 'Driving growth in volatile times through sustainable supply chain management'

In today's volatile business environment, adhesives and sealants companies face multiple challenges such as feedstock costs and availability, and the impact of by-products. At the same time, they still face an unrelenting focus on delivering continuous improvement in sustainability performance as well as in financial performance. Innovative supply chain manage-

ment can offer a way for businesses to extract value in both these benchmark indicators.

By working closely with partners up and down the supply chain, from raw materials suppliers to end-users, businesses can take early action to create/adopt new practices/products that can boost sustainability and profitability.

At the 2019 FEICA Adhesives and Sealants Conference & EXPO in Dubrovnik (Croatia) you will get practical insights from a range of experts from within the industry, as well as best practice examples from other industries.

2019 breakout sessions:

FEICA welcomes abstracts on a range of topics. The focus of the 2019 breakout sessions is:

- Feedstock trends affecting raw material sourcing, sustainable procurement.
- Accessing raw materials – availability, restrictions and (relative) price.
- Raw material development and new product applications.
- Digital technologies, data

exchange in manufacturing and sales, automation.

- Adhesive and sealant market trends, growth rates and outlook, emerging markets and market development.
- Innovative manufacturing technologies, innovation and growth.
- Downstream user perspective in construction, building, civil engineering, electronics, medical, paper and packaging, transportation, marine, Do-It-Yourself/retail, footwear and leather, woodworking and joinery, and assembly operations.
- Resource-efficient technologies, energy and raw material sourcing, circular economy.
- Durability, recycling, handling and use of adhesives and sealants.
- Product innovation, progress in adhesion science, new chemistry.

Don't see your area of expertise? Any new technology, market intelligence, or innovative idea relevant to the adhesive and sealant industry will be considered. www.feica.eu

Send us an Abstract

Before sending us a presentation, you are requested to submit an abstract to k.ons@feica.eu before 5 April 2019. You will be notified whether your company's submission has been accepted by the end of May 2019.

www.feica-conferences.com

The International Life Sciences Institute (ILSI) publishes paper on Adhesives for Food Packaging Applications, authored by FEICA

The International Life Sciences Institute (<http://ilsi.org>) is a non-profit, worldwide organisation based in Washington, DC, USA. Its mission is to "provide science that improves human health and well-being and safeguards the environment".

ILSI collaborates with scientists around the world who share this same vision to publish scientific documents and organise events on topics relevant to its mission.

ILSI's European Headquarters, based in Brussels, Belgium, has a Packaging Materials Task Force, which includes representatives from academia, science companies and consumer businesses such as Nestlé, Danone, PepsiCo and Coca Cola.

The Task Force commissioned FEICA to write a paper on Adhesives for Food Packaging Applications.

FEICA's Paper and Packaging Technical Working Group (P&P TWG) undertook the project and the main authors were **Dr Monika Toenniessen**, Head of Food Safety Compliance, Henkel, with active support of the members of the **FEICA P&P TWG**, **Dr Matthias Frischmann**, Laboratory Manager, Henkel, and **Alexandra Ross**, Product Regulatory Specialist, H.B. Fuller. The scientific review of the Report was undertaken by **Dr Hermann Onusseit**, ONUSSEIT Consulting, Germany, and

Prof. Cristina Nerín, Department of Analytical Chemistry, University of Zaragoza, Spain. It was published in December 2018.

FEICA CONNECT talked about the paper with Toenniessen and Onusseit.

TOENNIESSEN: The paper is primarily directed at food packagers and adhesive users, although other operators in the supply chain will find it useful as well.

It provides a comprehensive overview of the types of adhesives that can be used in food packaging, their ingredients and their typical applications.

It also provides a summary of the relevant food contact legislation and guidance on how to evaluate an adhesive's suitability for use in food contact applications. It will assist the reader in choosing the right

adhesive for their specific application.

ONUSSEIT: One issue is that a lot of people don't realise that everyone in the supply chain has a responsibility with regard to food safety – from producers of packaging materials, inks and adhesives, right back to even the manufacturers of raw materials, such as plastics producers. This paper provides a very good explanation for all operators in the food contact adhesives supply chain, even the end-users.

TOENNIESSEN: Yes, this paper is noteworthy because it is the most comprehensive, authoritative and easy-to-understand overview of adhesives in food packaging applications available. Non-specialists will find it accessible. It will be ideal for educating downstream users and end-users, and even raw materials suppliers because a lot of them are not



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fully aware of what their raw materials are used for, or even that they are used in food contact applications. Therefore, **it will help improve food safety and demonstrate the adhesive and sealant industry's commitment to continuous improvement in health and safety.**

ONUSSEIT: I agree. **We are an integral part of the supply chain** and this is the definitive paper on the topic of adhesives for food packaging applications for all operators in the supply chain.

TOENNIESSEN: I have found the paper very useful in a range of situations. For example, I was in discussion with a customer's technical team recently who were asking about isocyanates.

I used it to explain the different types of isocyanate used, why they are needed, why we use the ones we do and the things to consider when selecting adhesives manufactured using diisocyanates. It will also be a useful tool for those countries which are in the early stages of developing their food contact legislation, such as China, Japan and India.

ONUSSEIT: Yes, **it will save adhesives professionals valuable time by answering many of the common questions we get asked daily in our work.**

It will also help customers to understand why we use certain ingredients and how these



ingredients can influence an adhesive's properties, which will help them make an initial selection of the types of adhesive they should consider for their applications. **It also includes a handy "Technology / application matrix"** to help in this task.

This knowledge will help customers in their risk assessments.

In summary, this document, in combination with FEICA's other publications on adhesives and food packaging, helps create an outstanding set of concise, comprehensive and user-friendly tools to help people select the most appropriate adhesive for any food packaging application.

The paper is available on the **FEICA website here:** <http://www.feica.eu/information-center/partner-publications.aspx>.

You can also download the paper, along with other publications of the ILSI Europe Packaging Materials Task Force, on its webpage (<http://ils.eu/task-forces/food-safety/packaging-materials>).



FEICA commits to update existing EPDs

Environmental Product Declarations (EPDs) are finding increasing application in the construction industry to demonstrate the environmental performance of products used in the sector.

However, creating individual EPDs for each specific product would involve significant cost and effort. Therefore, in 2009, the German Adhesives Association (IVK) and the German Industry Association for Construction Chemicals (DBC) initiated the development of an easy-to-use Model EPD system.

As a result, FEICA worked with IVK to create European versions of these Model EPDs and 17 of them, covering five product groups, were rolled out in 2015 – 2016.

These will remain valid for five years (until 2020). FEICA, IVK, DBC and the European Federation for Construction Chemicals (EFCC) have therefore committed to update the existing EPDS before the end of this year. However, before their validity can be renewed, their substance scores need to be recalculated, the formulation ranges they cover need to be confirmed, and verification by the programme holder will be required.

FEICA and its sister associations agreed to initiate a joint update project and commissioned Thinkstep - a sustainability software and consulting company based in Germany - as their EPD consultant. Thinkstep will update the substance related data and modify the EPD system to fulfil the requirements of the upcoming revision of the EN15804 standard, which forms the basis of the Model EPDs.

Finally, each association will check with its members whether the range of formulations and substances covered by the EPDs is still appropriate.

To this end, FEICA will carry out a survey of members who manufacture adhesives and sealants for the construction market. More on EPDs here: www.feica.eu



FEICA in 2018

At the end of 2018, FEICA recapitulated some of its 2018 achievements, events and publications on a website.

If you missed it, you can still check the website out here:

www.feica2018.com

As the site received a great many views, we will create one for 2019 too!



EU-Japan trade agreement on track to enter into force in February 2019

The European Commission has approved the EU-Japan Strategic Partnership Agreement.

The agreement includes, among other key parts, the removal of tariffs on industrial products in sectors where the EU is very competitive, such as cosmetics, chemicals, textiles and clothing.

The agreement also includes a comprehensive chapter on trade and sustainable development; sets very high standards of labour, safety, environmental and consumer protection; strengthens EU and Japan's commitments on sustainable development and climate change and fully safeguards public services.

It also includes a chapter on small and medium enterprises (SMEs), which is particularly relevant since 78% of current exporters to Japan are smaller businesses.

The entry into force of the Strategic Partnership Agreement requires also ratification by EU Member States, but a large part of the Agreement can be applied on a provisional basis already in early 2019.

You can read the full Press Release here: <http://europa.eu>

A dedicated website has also been made available:

<http://ec.europa.eu/trade/policy/in-focus/eu-japan-economic-partnership-agreement/>



UK Government publishes statutory instrument in relation to the Construction Products Regulation

The British Government has laid a statutory instrument to ensure a functioning Construction Products Regulation (CPR) regime in case the UK leaves the European Union.

The UK regime will maintain the requirement on manufacturers to declare the performance of their construction product, in accordance with product standards, when the product is placed on the UK market. See the key elements of this legislation: <https://www.gov.uk/government/news/continuity-of-requirements-under-the-construction-products-regulation-when-the-uk-leaves-the-european-union>



ECHA to provide recommendations for occupational exposure limits

The European Commission and the European Chemicals Agency (ECHA) have signed an agreement for ECHA to provide recommendations on a regular basis for occupational exposure limits (OELs) that protect workers exposed to hazardous chemicals.

The agreement requires ECHA to assess four to five OELs per year from 2020 onwards.

This new programme of OEL development will start right away, most likely with lead as the first priority at the request of the Commission's DG Employment.

ECHA's Secretariat will make proposals for ECHA's Committee for Risk Assessment (RAC) to review and adopt scientific opinions on. The opinions will be forwarded to the Commission for decision making. There is also the potential for ECHA to further support the Commission by assessing the socio-economic impacts in parallel to developing the OELs.

ECHA ran a pilot project between 2017 and 2018 which delivered five OEL recommendations within one year. These are currently passing through the decision-making process of the Commission.

Based on the experience from the pilot, ECHA will ensure an open and transparent process through public consultations. The work on OELs will bring employers and trade unions even closer to ECHA's operations.

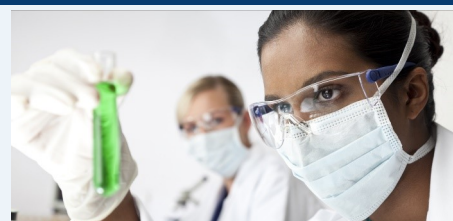
ECHA already has substantial expertise in-house and in the field of occupational safety and health (OSH), and has recently strengthened RAC's expertise with newly co-opted members as well as through the regular membership.

The agreement with the Commission follows the second REACH Review, in which one of the proposed action points was to improve the interface between REACH and OSH legislation.

OELs are at the core of ensuring the protection of workers exposed to hazardous chemicals in the workplace.

Read the full story on the ECHA website:

https://echa.europa.eu/-/echa-to-provide-recommendations-for-occupational-exposure-limits?utm_source=twitter.com&utm_medium=social%20&utm_campaign=OEL



Chesar3 video tutorial

'**How to import and use a use map in Chesar 3**' is a handy tutorial for anyone using Chesar3.

ECHA is also organising a two-day training course, expected to take place 26-27 March 2019 at the ECHA offices. **Please register by 22 February 2019 if you would like to participate.**

<https://chesar.echa.europa.eu/>





New global alliance commits over \$1 billion to help end plastic waste in the environment

More than 25 global companies from the plastics, chemical, and consumer goods value chain recently launched an alliance to eliminate plastic waste in the environment. The cross value chain and not-for-profit **Alliance to End Plastic Waste (AEPW)** is currently made up of almost 30 member companies, and hopes to be joined by 2,000 more.

The founding members, which include companies such as DOW, Covestro and Mitsui Chemicals, have committed over \$1 billion already. The goal is to invest more than \$1.5 billion over the next five years to help end plastic waste in the environment, and especially the ocean.

“Everyone agrees that plastic waste does not belong in our oceans or anywhere in the environment. This is a complex and serious global challenge that calls for swift action and strong leadership. This new alliance is the most comprehensive effort to date to end plastic waste in the environment,” said David Taylor, Chairman of the Board, President and CEO of Procter & Gamble, and chairman of the AEPW. **“I urge all companies, big and small and from all regions and sectors, to join us,”** he added.

The Alliance will develop and scale up solutions that will minimise and manage plastic waste and promote innovative solutions for used plastics by helping to enable a circular economy.

'The alliance's mission statement is: 'TOGETHER, WE CAN HELP END THE FLOW OF PLASTIC WASTE INTO THE ENVIRONMENT'.

More information here: www.endplasticwaste.org or check the [AEPW Twitter page](#).



NEW FEICA MEMBER

BorsodChem

FEICA Affiliate Company Member

Bolyai tér 1.,

H-3700 Kazincbarcika,

Hungary

www.borsodchem-group.com/

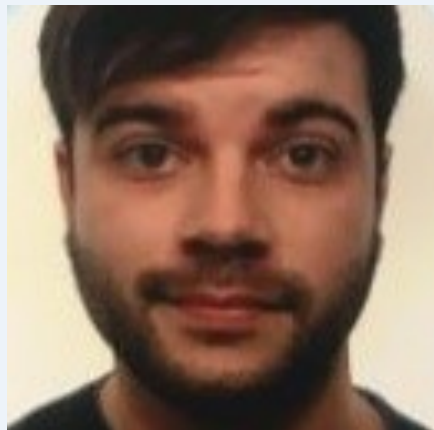


FEICA Members

Remember that pertinent information to the adhesives and sealants industry from the European Chemicals Agency (ECHA) and the European Commission (EU) is published directly on the [FEICA Extranet](#), on a weekly basis. We also send out a monthly UPDATE. If you do not yet receive this, please send a note to news@feica.eu. Thank you!

WELCOME

Carlos Ruzafa recently joined [ASEFCA](#), the Spanish Association of Adhesives and Sealants Manufacturers. The whole FEICA team wishes Carlos all the very best in his new position.



FROM CEFIC

FACTS & FIGURES
of the European chemical industry

'Europe is the second largest chemicals producer in the world'.

Read the full Cefic report [here](#).



FEICA ON TWITTER



FEICA ON LINKEDIN

FEICA CONNECT is the quarterly newsletter for FEICA Members.

The next issue will out in May 2019, and is then followed, in June, by our yearly 'Special Conference edition'.

Kindly note that FEICA CONNECT is published four times a year; in January, May, June and in October.



FEICA thanks the authors who have contributed to FEICA CONNECT.

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All links are up-to-date at the time of publication.