

BASA Bulletin

FOR MEMBERS OF THE BRITISH ADHESIVES AND SEALANTS ASSOCIATION

Beardow Adams secures world's first certification for an adhesives company

After a £1.2m investment, Beardow Adams has become the first adhesives company in the world to win a British Retail Consortium high hygiene level certificate to the Global Standard for Packaging and Packaging Materials for the manufacture of hot melt adhesives for food and non-food packaging applications.

The award streamlines the supplier approval process and makes it easier for food companies to meet the requirements of the BRC Food Standard while also helping retailers and food manufacturers to adhere to their legal obligations. "This new certification proves that we are committed to delivering to the highest standards and providing an unbeatable service to the food and packaging industries, the benefits of which will be filtered down to our customers," said Frank Rodgers, General Manager.

The standard specifies HACCP (Hazard Analysis & Critical Control Point), good manufacturing practices, plus the hygiene, safety and quality requirements for packaging manufacturers supplying food and consumer products industries. "We supply customers worldwide including manufacturers in the food, drink and retail sectors. It is important for us to ensure our processes and procedures are in line with the highest standards; the BRC Global Standard is the most used GFSI-approved standard worldwide and means we can continue producing safe, quality products with confidence," added Mr Rodgers.

Neil Sanders wins Max Kochmann award



This year's winner of the Max Kochmann Award was Neil Sanders, right, Technical Director of F Ball and Company Ltd. It was presented to him by Chairman Mark Louch.

Jim Palmer, Technical Officer for BASA, praised Neil for his tireless work for BASA: "Neil joined his current employer in 2003, which is when I first met him and experienced his involvement and commitment to the work of BASA. He is currently the long-serving chairman of the Building Adhesives Working Group, one of BASA's most active working groups. He also represents BASA on BSI and CEN committees, and has recently taken on the role of Vice Chairman of the FEICA Construction Technical Working Group."

Neil said: "It is indeed an honour and privilege to receive the Max Kochmann award following such an acclaimed list of past recipients, and to be given this award for the small part I have played within BASA."

Our AGM was an out of this world experience

Attendance at this year's Synthomer-sponsored AGM and Industry lunch was boosted by an increase in the number of member companies visiting the wonderful National Space Centre.

Representatives from 43 member companies were able to hear from Chairman Mark Louch that 2015 had been a successful year for the Association, maintaining a stable Manufacturing Members' roster.

He said: "One of the strengths and a touchstone for our Association is the work of our Technical Steering Committee and its working groups." Mark also reminded the membership that their National Association membership of FEICA has huge benefits for BASA members, as FEICA acts as the voice of the Adhesives and Sealants Manufacturers in Europe by pro-actively supporting and promoting the industry interests by constructively influencing EU legislation and public opinion.

He pointed out that being based in Brussels in the CEFIC building gives a huge advantage, and enables us to lend our voice to the larger industry interest groups based there on matters of joint interest.

He also reminded members to look out for the 2015 events, and in particular the Sports Day in June at the new golf and dinner venue in Whitchurch, and the dinner Dance at the Castle Hotel Windsor in November.

Treasurer Tim Boniface said that the Association's accounts showed a surplus instead of the predicted deficit, due largely to cost savings and delayed expenditure.

The main underspends were FEICA subscriptions (due to a favourable exchange rate) and lower than budgeted secretarial services, as the handover costs had been lower than predicted.

Tim explained that financially BASA is in a very healthy position, so Council once again decided to freeze the subscription rates for 2016.

The budget for a deficit in 2016 is to allow for creation of a brand new website at a cost of around £30K, but as this is regarded as a one-off expenditure to benefit all members, the Council is comfortable that we will have sufficient reserves to prosper.

● More from the AGM is on page 3



Europe: In or out? How you vote is between you and the ballot box – but our two pages of information may help you decide where to put your cross...

- Pages 12 and 13

Which way for Europe?

I hope BASA members will enjoy this issue of the BASA bulletin packed with the usual mix of technical stories, news from members and dates to put in your diary. This issue also includes a selection of Brexit articles on pages 12 and 13. I know members always look out for Roger Martin-Fagg's economics articles, and this issue sees him treating us to his take on the EU referendum.

We also have additional related material from BSI about the impact of a potential Brexit on standards. That has been extracted from a wider article available if you follow the links. The run up to June 23rd promises us all a steady stream of argument and counter argument, and it seems that instability is the only certainty! As I listen to both sides of the argument it often appears that the 'passion' has largely been monopolised by the leave campaign, and looks largely like this.

In - The only thing worse than being a member is not being a member

Out - Vast stinking cesspit of corporate corruption

This is worrying, and one hopes that we all get information of sufficient quality to make a better-informed choice.

Discussions at the Industry Lunch certainly seemed to indicate that there is a strong feeling that there is a lack of unbiased information available to enable anyone to make a truly informed decision. We will be passing on any useful information from our partner associations via the website to try to help inform the membership.

I cannot believe I have now been BASA Secretary for a year! What is the saying? Time flies when you are having fun!

In all seriousness I love working in this industry, but the challenges of the secretarial role is certainly not one to be underestimated. I certainly have an additional regard for John's management of the Secretarial service since he started on June 30th 2002.

Brexit

With the looming Referendum on EU membership we could not ignore what is sure to be an historic event and, despite the neutrality that Trade Associations such as ourselves feel compelled to take, we have included some information that we hope will be helpful to members on pages 12 and 13.

I travelled to Brussels on 17th March, having been invited by the Trade association Forum to attend an event by the British Chamber of Commerce on the thorny Brexit issue.

This was introduced as an unbiased forum – but in my view this is almost impossible to achieve. We all listened to various positions and were urged to review all of the available data and provide this information to our members. Over the next month I will be adding some of the links and documents to the website through a new dummy working group titled EU referendum available on the members area of the current website.



Chairman:
Mark
Louch

From the Chairman

Sports Day

I would like to take this opportunity to remind members that there is still time to book their place for this year's Sports Day on June 14th, where we are trying out a new venue for the golf and presentation dinner. I would hope to see many of you in the evening; it's a great opportunity to mix informally with colleagues in the industry.

Dinner Dance

The final event in the BASA social calendar for 2016 will be the dinner dance in November. We are not yet talking bookings for it, but we will be back at the Castle Hotel, Windsor on November 19th. Look out for notices shortly after this year's sports day. Why not put a note in your diary now? The new events

website is up and running, and I hope that members are finding the process easy to use and that the trial we are running this year to make booking and paying for events easier becomes a permanent solution. As our Secretary Lorna Williams continues with the standards work on behalf of members (BSI, CEN, ISO), is BASA's FEICA European Technical Board representative and ETB vice chair, as well as NAM Forum Secretary her workload is very high. In addition we are trying to increase our interaction with the Alliance of Chemical Associations, the Trade Association Forum and the Construction Products Association. It is therefore important that we develop better administrative systems and focus on the areas that give real value for members; the successful implementation of the events website to handle all bookings is part of this vital process.

Get involved

Finally I would urge members to get involved in the debate about the future format for our Open Technical Forum programme. It's a free event for members twice per year, but numbers have declined over the last two years, and we want to understand the reasons. Attendees at the recent green chemistry event at York University complemented the programme and speakers, however it appears that perhaps the topic and speakers put off our raw material suppliers, and we have concerns that the location was problematical for some. We would really like any suggestions for subjects, format and venues in future. See page 5 for details of the last OTF and how to get copies of the presentations.



Secretary:
Lorna
Williams

Secretary's Notes

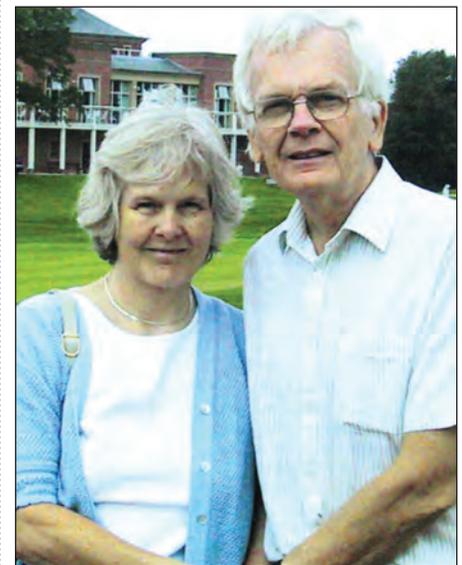
Email: secretary@basaonline.org

New website

That brings me to my final point – our new Website is now taking shape and I would like to understand members current website likes and dislikes, so please let me know if there is anything you would like included. We are intending to develop a Graduates and Young Members area and so are looking for anyone who might be interested in recruitment/training/mentoring/apprenticeships etc. Watch out for notices and please email your ideas or thoughts.

David Williams

Sadly I regret to report that former BASA Secretary David Williams passed away at the end of April, and our thoughts and best wishes go to his wife Nadine, who is pictured with him below. Nadine told BASA member Desmond Waight that David slipped away peacefully whilst sitting in his chair asleep in his living room. Many of you will remember David and his considerable contribution to the industry, which we mention in much more detail on page 16.



BASA BULLETIN – PAPER CIRCULATION LIST

Would any member who wishes to receive their own copy of the BASA bulletin please contact the BASA office to have their name added to the regular circulation list, as the previous list appears to be out of date.



Adshead Ratcliffe invests £500,000 in new plant

Several years of sustained growth have allowed Adshead Ratcliffe to undertake major investment of £500,000 in new mixing and filling equipment, alongside site upgrades at its Belper HQ.

This investment is part of a long-term strategic plan for the business that will enable it to support existing customer business growth and facilitate the increased demand for new products as part of the company's diversification programme. The new equipment will be used for the production of existing formulations and will also enable the development of new sealants and adhesives.

More from the Annual General Meeting

Amusing debate left us in the dark over Europe

The setting for the AGM was the Planetarium at the Space Centre, pictured right – a spectacular setting, even if the lighting was a little challenging.

This year instead of industry speakers we had invited well-known journalist and the PA's man in Brussels George Meade to talk to members. With the current Brexit debate, Council felt that the topical subject would give members an opportunity to ask questions.

Unfortunately, after an amusing discussion with members, there was no clear position to help members decide where their fate should lie – in or out of Europe.

Technical

In his first AGM report as TSC Chairman Jim Palmer began by introducing his Technical Steering Committee members. He thanked former Packaging Working Group Chair Paul Addison from Beardow Adams for his contribution, and reminded members that he was now looking for a new Chair, deputy Chair and permanent FEICA representative. After his appeal Andy Seward stepped up to the role, and his first report is in this edition of the Bulletin.

BASA WG Consultant Tony Bingham was standing in on the FEICA Paper & Packaging task working group, and was also providing secretarial services to the BASA working group chair once appointed.

A plea was also made on behalf of the Health & Safety and Environmental working groups, whose membership has fallen off lately.

As part of a new invigoration we have renamed some of the working groups, for example the Building Adhesives WG is now named Building Adhesives and Construction WG, the Packaging WG is now the Packaging Adhesives WG and Environment is now Environment and



Sustainability.

All member companies were encouraged to participate, we will be looking at adding teleconferencing ability in future meetings. It is also hoped that the new website can drive increased participation.

We will also be gauging interest in Labels and Tapes and Structural/Engineering adhesives. We have some priority issues looming: Poisons Centres & Di-isocyanate restrictions, and the current buzz word the 'Circular Economy' continues to highlight the dubious requirement for dismantlable adhesives and sealants.

Please make sure you all watch for any requests for input as we continue to campaign for sensible approaches in these respects, and get involved in the working groups, even if only as a correspondence member.

Immediate Past Chairman Guy Davies was presented with his Chairman's medal at the end of the meeting.

A full report can be found on the members' area of the website.

Do BASA members want us to take a stance on changes to the Stockholm convention?

You may already be aware that a proposal for a COUNCIL DECISION on the submission, on behalf of the European Union, for the listing of additional chemicals in Annex A, B and/or C to the Stockholm Convention on Persistent Organic Pollutants (POPs) was published on 17 March this year, and in this proposal the substance octamethylcyclotetrasiloxane (D4) was proposed to be listed in Annex to this convention.

BASA members are advised that CES – Silicones Europe (a sector group of CEFIC) has prepared a letter to oppose this proposal (see alert on FEICA's Extranet).

Because of the importance of silicones to the sealant and adhesive industries, Pierre Germain, the Secretary General of CES requested us via FEICA to inform The European Commission's proposal for a POP nomination would have wider implications that go beyond the direct use of D4 in the applications of concern identified by REACH, notably considerable impact on the use of innovative silicone polymers for which D4 is a building block.

Any BASA member who wishes to support this position should email secretary@basaonline.org, and if we receive a mandate from members we will write to HSE, the UK competent authority expressing our views.

Instarmac launches new wetroom product

Available for the first time this month is a new product from the Instarmac Group. Wetroom System is the newest addition to both the UltraTile and Granfix premium tile adhesives and grout brands from the Instarmac Group. The product is a flexible waterproof coating to protect water sensitive backgrounds, ideal for use in wetrooms, domestic bathrooms, kitchens and showers. The product can be applied to most common



substrates including moisture sensitive backgrounds such as plaster, plasterboard and tile backing boards. It may be used beneath ceramic, porcelain, natural stone and glass tiles.

GYM Access Project will keep industry fit for the future – with absolutely no need to wear your sports gear!

Reaching out to the adhesives and sealants experts of tomorrow

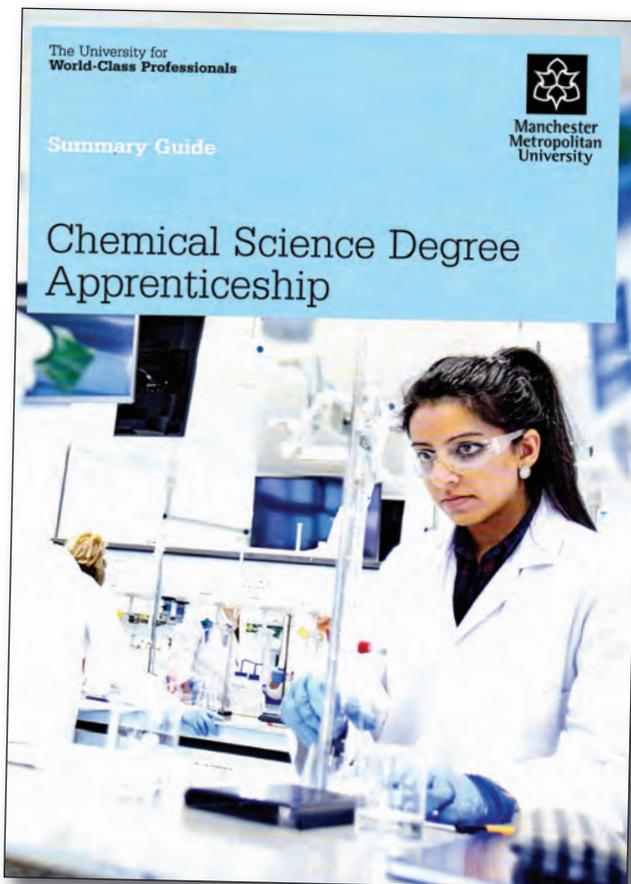
After last year's survey at the BASA Annual Meeting, the Business Steering Committee, lead by Paul Marshall of Henkel Ltd, identified that increasing our industry profile, recruitment and training were three areas that the membership would like us to take a business focus on in this year.

We are therefore considering setting up a dedicated area on the new BASA website for our Graduates and Young Members – we'll call it GYM. The idea is to build on our excellent relationships with a number of key Universities and the Society of Adhesion and Adhesives, and to continue the work with Cogent and the Arkwright Trust and to post material in this area that highlights the great opportunities to graduates and also offers some training and recruitment

guidance for our members.

We also intend to explore the possibility of mentoring young people, and to investigate whether this is something we could facilitate with other like-minded BASA members.

Our affinity partner Chemical Search are also involved and will be submitting a further article in the October bulletin, and making



progress this project, but if any of you have any ideas or thoughts in the meantime, you are encouraged to contact the Secretary Lorna Williams.

proposals for appropriate training courses that BASA could support.

We will be in touch with members of BASA during the next six months to

Let's get cognisant with Cogent

Many BASA members will remember Cogent, who were guest speakers at the 2015 AGM and Industry lunch.

Cogent Skills is the UK's strategic body for skills in the science industries, led by sector employers. They work sectors like ours to develop, design and deploy skills solutions for the science industries. All their products and services are designed with science industry employers, are underpinned by national standards and meet the unique requirements of the sector.

Cogent Skills has a key strategic partnership role. It has successfully facilitated, on behalf of employers, a bid to establish a Science Industry Partnership (SIP). This is piloting an employer owned skills system, determining what is needed and commissioning what gets delivered. Cogent Skills is the expert delivery partner for the SIP.

It supports science industry employers to attract, retain and develop people who can contribute to business success. They offer a variety of services from recruiting the best new talent to your business via industrial placements and Apprenticeships, to developing your existing workforce through training courses and skills benchmarking.

Cogent understand that recruiting new talent and ensuring you maximise the

potential of your current workforce is key to your future success. They bring a holistic approach to addressing people development challenges, using their employer-led Gold Standard benchmarking tools to unlock key insights into your organisation. The benefits to their approach include:

- Solutions tailored to your organisation's skills needs – with a focus on science industry capabilities
- Improved performance through your people – through skills benchmarking against the Gold Standard
- A people development strategy that drives business performance – using key milestones

The organisation can also help you make the business case for skills.

We will be looking to work with Cogent as we progress our project to increase the visibility of the Adhesives and Sealants industry in the UK and to help develop the required training and development that our members are indicating they need.

Further information can be found at <http://www.cogentskills.com/about-cogent-skills/>



The Great Northern Tiling Company has used Instarmac's UltraTile adhesives to help Bella Italia create bold new Mediterranean design. A TTA member and esteemed UltraTile partner, GNTC secured the commercial contract for the Beckton restaurant's makeover, including work in the kitchen, front of house, toilet and bar areas, all of which had their own distinctive type of tile from 400mm squared to brick slips and mosaics. GNTC choose to use their preferred adhesives UltraTile ProFlex SP and ProFlex SP + ES throughout the project.



Members share in OTF's packed agenda to learn about sustainability

The OTF at York University in April was a great success with BASA members attending to hear a packed agenda based around the sustainability theme.

Introduced by BASA's TSC Chair and Technical Officer Jim Palmer, the Spring OTF was hosted by York University's Green Chemistry Industrial Engagement facility. Some BASA members will remember York University's extensive green chemistry programme from previous events, and Dr James Clark treated delegates to an updated talk loosely based around the paper he gave to the SAA audience at last year's Christmas seminar at the SCI in London.

This was followed by an interesting presentation from Nichola Mundy from Axion Consulting who looked at construction waste and innovative schemes to re-use/recycle products and packaging containers. BASA's Environmental and Sustainability group will be looking to develop this subject on to see what opportunities there are for our industry.

We then had our first break-out session where members had the opportunity to view the working group poster presentations and discuss aspects of interest with colleagues whilst drinking their tea and coffee.

The speaker after our coffee break was Dr Avtar Matharu, pictured, who gave a fascinating talk about the resource aspects of green chemistry. Taking us up to lunch was our guest speaker Dr Owen Abbe from BRE, who updated us on Environmental Product Declarations (EPDs) and recent changes to the way adhesives and sealants will be dealt with. Owen's presentation is posted on the members area of the website for members who missed the OTF.

During lunch there were a set of tours of the Green Chemicals Centre of Excellence labs and the Biorenewables Development Centre and a further opportunity to study the Working Group poster presentations.

The final two papers after lunch were given by Dr James Sherwood and Wayne Smith from the British

Coatings Federation (BCF).

James' paper was on alternative raw materials for solvents but obtaining safer, renewable hydrocarbon solvents from food waste could ultimately have a wider applications.

It was a consultation to hear that there is now the start of understanding that bio-based materials are not necessarily safer if the end chemical is the same, after all, ethanol is ethanol whether from a fossil fuel source or bio-ethanol.

Wayne Smith, Director of Regulatory Affairs for the BCF bought the day to a close with a paper on WM3. What is WM3 you ask? I do hope that this was not your question as we have talked about disposal of Waste Packaging and the implications of the changes introduced by DEFRA over the past year or so, but Wayne explained the status of the current industry chemical association efforts to clarify the classification of hazardous waste packaging to avoid having to classify everything as hazardous waste – something surely not in the spirit of the circular economy?

What was my main take-away from the day? I believe we need to think of waste, wherever it comes from, as a valuable resource, and to look for ways to keep the intrinsic value in the supply chain and not simply incinerating for energy or using as an aggregate (which could be considered landfill by the back door, which is a low return on value).

We will shortly be asking members who did not attend this OTF or who never attend OTFs to participate in a short survey, as we would like to increase attendance so we need to understand what members would like to hear about and what would encourage better attendance at future events.

The Technical Committee is mandated by the Constitution to hold two events every year so it is important to understand the member's requirements better. Please look out for the survey, or send your thoughts through to me at secretary@basaonline.org

Leeson named as one of Britain's most inspirational companies

Leeson Polyurethanes Ltd has been identified as one of London Stock Exchange's 1000 Companies to Inspire Britain. The report is a celebration of the UK's fastest-growing and most dynamic small and medium sized businesses.

To be included in the list, companies needed to show consistent revenue growth over a minimum of three years, significantly outperforming their industry peers. Established in 1986, Leeson Polyurethanes Ltd is the UK's largest manufacturer of MDI polyurethane one component (moisture curing) and two component structural adhesives.

The company also manufactures a wide range of other polyurethane products including polyurethane binders for playgrounds and sports pitches, industrial and decorative coatings, and polyurethane reactive (PUR) hotmelts for panel lamination.

Leeson Polyurethanes MD Joel Leeson said: "To be included in the 1000 companies to Inspire Britain is a recognition of the hard work and dedication of all the staff and their contribution to the continued growth of the company."

Xavier Rolet, Chief Executive, London Stock Exchange Group said: "High growth SMEs are the driving force behind the UK economy, developing the skills, jobs and growth we need. But ambition alone is not enough; their success must be highlighted and their growth properly supported with appropriate finance."

A full searchable database of all of the companies along with a downloadable pdf of the publication can be found online at www.1000companies.com

Technical Working Groups – 1

Technical work will always need your commitment



BASA Technical Officer

Jim Palmer



At this year's AGM I took the opportunity to promote the technical work of BASA, and at risk of repeating myself, I would like to do a similar thing here and to ask for your further commitment to it and involvement with it.

The BASA technical programmes provide a major added value contribution to our industry. In the past our technical programmes were focused on input to product standards development through BSI and then CEN and ISO and representing our industry on the various technical committees is still a considerable part of the work. However, in recent years we have become increasingly involved with guiding and steering the development of legislation and political policy by adding our voice to others both in the UK and in Europe. So if we are to accurately represent the industry and ensure the best possible outcomes in minimising cost and maximising competitiveness we need increasing and consistent input from the members. All of the working groups would benefit from increased contributions and as examples the chair and deputy chair positions on the packaging adhesives WG are vacant, and the Environment and Health & Safety Working groups, both of which are dealing with issues of major significance for our industry such as the circular economy and poison centres, are currently only receiving contributions from five member companies.

At the TSC meeting in March we agreed new names for some of the working groups to clarify the work undertaken within them and we are also trying to create new working groups to represent members involved with the tape adhesives and structural adhesives markets.

By the time you are reading this the BASA Open Forum at York University will have been held. (It was on 21st April) The theme will have been sustainability, and I hope that those of you who will have attended will have found it informative and helpful. I must emphasise that these forums are aimed at and open to business as well as technical colleagues. So why not make a note to come along to the next one in October, which will be addressing the issues surrounding Poison Centrea as required in article 45 of the CLP Regulation. Finally let me acknowledge the contribution of those participants in the current working groups especially the chairs who already input a great deal to the work of the association. In the reports on these pages and on the BASA website you will learn more about the more significant issues affecting our industry.

Growing membership can only strengthen our industry position

The membership of the SWG has grown in recent months. The growing participation of members can only serve to strengthen BASA's impact on the British Sealants industry and its relationship/involvement with FEICA. We strongly urge any sealant manufacturer or raw material supplier not already involved to consider joining any of the working groups that may be of interest or impact on them. This is your forum to have your say and influence the work and direction of direct BASA and its' relationship with Europe.

Voting Booths

In order to maximise BASA effectiveness it is now possible for BASA BSI representatives to vote on FEICA issues via electronic means. A guidance document for BASA BSI representatives is to be drafted and circulated.

CE Marking, CLP & Biocide regulation

As expected, CE marking remained the focus of work for many members throughout 2015. This together with the coinciding introduction of the latest Biocides regulation and CLP deadlines has resulted in considerable change to the information required to be included on the packaging of many products. Unfortunately these changes do not appear to be sufficiently understood by certain types of customer (mainly own label) who may be resisting some of these changes, therefore, the group is to update the information sheet on CE Marking for private label customers presented at the April OTF and to be made available on the BASA website for members' reference. This document aims to clarify the responsibilities of the various parties depending upon their position in the supply chain with respect to placing the product on the market.

There remains some potentially damaging regulation around Oximes and Isocyanates, as well as the Biocidal Products Regulation and the additional potentially consumer confusing labelling of sealants containing sensitisers. The work program and the requirements to assist members navigate what could be complex and extensive issues is increasing. With the representation of as many members as possible BASA will remain active in this area to mitigate against potentially game changing regulation.

CEN and ISO standards

In addition to regulation we have active participation in both the CEN and ISO standards work:

CEN TC 349 Sealants in Building and Construction. The recent meeting at the end of February of CEN TC 349 covered topics relating to the Commission of Delegated Acts and amendments to CPR. An outcome of the recent meeting is that all examples of CE marking DOP are to be removed from EN 15651 Pts 1-5 and reissued as a CEN Technical Report.



Sealants

Chairman:
Anthony



Currently, more than 100 standards are being blocked by the Commission due to containing levels and threshold values, which now need to be via delegated act. Or, they contain tests which are not product performance based and do not give an absolute value, i.e. no pass/fail criteria allowed.

Structural Glazing EN15434 has been transferred to CEN TC349 and is due for revision. TC 349 is to determine whether sufficient expertise exists within the group.

ISO TC 59 SC8

Following the presentation of BS8449 as a test method for High Movement Capability Sealants (rather than ISO7389) a new working group has been established which is to be chaired by Lorna Williams. A new class in ISO 11600 may also be proposed if required). There has also been a request from China for a 7.5% movement accommodation class of sealant. Another working group has been set up to develop a test method specifically for the testing of microbiological growth on sealants. Results are expected to be presented at the next meeting in Korea, 2016.

Fire

The recent meeting of CEN TC 127 WG2 TG in Brussels discussed the revision of EN1366 part 4 (linear gap seals), which should be completed by the end of the year. On element that arose was the need for dynamic testing of the sealant in the event of fire.

The BASA position is that sealants provided in paste form for use in joints up to 50mm wide should not need to undergo dynamic testing provided they have been tested to ISO 11600/EN15651. This BASA position is to be presented via FSH 22/3.

The ETAG route to CE marking of a fire rated sealant is in the process of being updated to EAD's. EAD 350005-00-1104 replacing past ETAG 026 part 2 has now been published in the Official Journal of the European Union (OJ). Other EDA's are finished and are just waiting to be published.

SWG activities for 2016

In addition to the current work programme the SWG has tasked itself with forming a new sub group with the aim of updating existing and producing new BASA Sealant guides in order to include latest relevant sealant standards.

- Manual of Professional Sealant Application
- Guide to the use of BS EN 15651 parts 1-4 and CE Marking to supplement existing guide to ISO 11600 which also needs updating.

More substances come under review

FEICA, the Association of the European Adhesive & Sealant Industry, which BASA are a National Association Member for the UK have worked with ECHA and other sector associations in EU Member States in developing tools and templates to improve communication on safe use of chemicals in the supply chain.

The tools will help registrants to prepare more realistic chemical safety assessments for their REACH registrations. This quality information can help us downstream users; receive better quality information in the exposure scenarios from the registrants.

For more information on these tools and similar supply chain topics such as REACH 2018 follow the link below to the ECHA newsletter.

http://newsletter.echa.europa.eu/home/-/newsletter/entry/1_16_supply-chain-communication-help-yourself-use-the-tools_SVHC_updates:

ECHA publish the approved CoRAP plan to evaluate 138 substances in 2016-2018.

ECHA has published the approved plan for evaluating substances for the 2016-2018 periods. The plan contains 54 newly allocated substances and 84 substances as already published in the previous CoRAP on 17 March 2015. The substances are distributed for evaluation in years 2016, 2017 and 2018.

The designated Member States have 12 months to evaluate substances specified for 2016 starting from the date of publication of this CoRAP update. Where necessary, the evaluating Member State will prepare a draft decision for requesting relevant further information to clarify the suspected risks. If the available information is sufficient to clarify the suspected risks, the evaluating Member State will prepare a conclusion document that will be published on the ECHA website.

The evaluation may in the end conclude that the risks are sufficiently under control with the measures already in place. Otherwise, it may lead to the proposal of EU-wide risk management measures such as restrictions, identification of substances of very high concern, harmonised classification or other actions outside the scope of REACH.

New substance entries under review:

(carcinogenic = (C) and/or mutagenic = (M) and/or reprotoxic = (R))

- 6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol: suspected R, potential endocrine disruptor
- 2,3-epoxypropyl o-tolyl ether: Mutagen
- Diethylmethylbenzenedi amine: suspected Mutagen, suspected R
- 2,6-di-tert-butyl-p-cresol: potential endocrine disruptor,
- 1,3-dioxolane: suspected M, suspected R
- Benzenamine, N-phenyl- reaction products with 2,4,4-trimethylpentene: suspected PBT/vPvB
- Dichloromethane: Carcinogen, suspected M, suspected R, suspected sensitiser, potential



Health & Safety

Chairman:
James
Follows



endocrine disruptor,

- Ethylene dinitrate: suspected R, suspected sensitiser, potential endocrine disruptor, suspected PBT/vPvB,
- Oxydiethylene dinitrate: suspected C, suspected R, potential endocrine disruptor, suspected PBT/vPvB,
- Cyclohexanone: suspected C, suspected M, suspected R,
- Nonylphenol, branched, ethoxylated: potential endocrine disruptor
- 2,4,6-trichloro-1,3,5- triazine: suspected R, suspected PBT/vPvB,
- 3-methylbutan-1-ol: suspected C, suspected R, suspected sensitiser,
- 1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-ol alkyl derivs. suspected PBT/vPvB,
- 1,1,1,3,5,5,5- heptamethyltrisiloxane suspected PBT/vPvB
- 1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy] trisiloxane: suspected PBT/vPvB,
- 2,6,10- trimethyldecane (Farnesane): suspected M, suspected sensitiser, suspected PBT/vPvB
- Perfluamine: suspected PBT/vPvB
- Dimethoxydimethylsilane: R,
- 1,3-diisopropylbenzene suspected R, suspected PBT/vPvB
- 1,4-diisopropylbenzene suspected R, suspected PBT/vPvB
- Formaldehyde, oligomeric reaction products with 1-chloro- 2,3-epoxypropane and phenol: potential endocrine disruptor
- Benzaldehyde: suspected M,
- Carbon black: C, suspected R,
- bis (dibutylthiocarbama to-S,S') copper: suspected R, potential endocrine disruptor, suspected PBT/vPvB,
- Acrylic acid, monoester with propane-1,2-diol: suspected C, suspected M, suspected sensitiser,
- bis(nonylphenyl)amine suspected M, suspected PBT/vPvB
- 2-[4-[2-[4-(2-hydroxyethoxy)phenyl]propan-2-yl]phenoxy]ethanol: suspected M, potential endocrine disruptor
- Diantimony trioxide: C,
- Antimony sulphide: suspected C,
- Antimony: suspected C
- 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one: potential endocrine disruptor
- 1-[(2,4- dinitrophenyl)azo]-2- naphthol suspected C, suspected R,
- Barium bis[2-chloro-5-[(2-hydroxy-1-naphthyl) azo] toluene-4- sulphonate]: suspected C,
- Tetradecahydro-7-isopropyl-1,4 adimethyl phenanthren -1-methanol: suspected PBT/vPvB

- 1,1'-(isopropylidene)bis [3,5-dibromo-4-(2,3-dibromopropoxy) benzene]: potential endocrine disruptor, suspected PBT/vPvB,
- 1,3-dihydro-4(or 5)- methyl-2H- benzimidazole-2-thione potential endocrine disruptor,
- 1,3-dihydro-4(or 5)-methyl-2Hbenzimidazole-2-thione,zinc salt: potential endocrine disruptor
- Benzenamine, reaction products with aniline hydrochloride and nitrobenzene: suspected PBT/vPvB
- Sodium 3-nitrobenzene sulphonate: suspected R
- Reaction mass of 2-methylpentane and Hexanol, branched and linear and diisopropyl ether: suspected PBT/vPvB
- Vinyl acetate: suspected R, potential endocrine disruptor, suspected sensitiser
- m-phenylenediamine: suspected R, sensitiser,
- Oxydiethylene dibenzoate: suspected R,
- Oxydiethyl dibenzoate: suspected R
- N-butylbenzene - sulphonamide suspected PBT/vPvB
- 4-tert-butylpyrocatechol: suspected M, sensitiser, potential endocrine disruptor, suspected PBT/vPvB
- A mixture of: propan-2- one-O,O'(methoxyvinyl silandiyl) dioxime; propan-2-one-O-(dimethoxyvinylsilyl)oxime; propan-2-one-O,O',O''-(vinylsilyl)trioxime: suspected PBT/vPvB
- Diphenyl(2,4,6- trimethylbenzoyl) phosphine oxide: R, potential endocrine disruptor, sensitiser, suspected PBT/vPvB,
- Sodium hydroxymethane- sulphinate: suspected C, suspected M, suspected R,
- 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate: potential endocrine disruptor
- [3R-(3,3a,7,8a)]-1-(2,3,4,7,8,8ahexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one: potential endocrine disruptor, suspected PBT/vPvB
- o-cresol: suspected M
- m-cresol: suspected C
- 3,5,5-trimethylhexanoic acid: suspected R,

Members may be asked to respond to BASA technical notices regarding the up and coming evaluations. Please respond to the technical notices as your voice counts.

More information on all of the 138 substances can be found on the link below:

http://echa.europa.eu/documents/10162/13628/cor_ap_list_2016-2018_en.pdf

Remember to visit www.basaonline.com for updates, or if Health and Safety is a subject that interests you and you want to be at the forefront of legislation then why not join the working group. Please see the last minutes for the Health and safety working group on the BASA website – member's area for other topics the group is working on. Contact the secretary for more details

Technical Working Groups – 2

Sustainability, indoor air, and your chance to join

The Environmental Working Party continues to monitor, review and inform members of environmental changes, legislative updates and implications of new regulations/guidance for members.

Sustainability

Tony Bingham's involvement in the FIECA sustainability agenda continues. The published charter continues to be reviewed by the Environmental Working Group in conjunction with the parties own work on sustainability objectives and now form part of the standard agenda for the working group. The results of the survey undertaken in October will be reviewed at the next working group meeting on 11th April 2016. This will determine the key focus of 2016 sustainability programme.

Indoor Air

The environmental working party continue to monitor the Belgium Decree which was originally published on 18th August 2014 and came into force on 1st January 2015. A harmonised EU VOC Class system LCI list has not been decided on and may still take some time.

The environmental working party for B/557 construction products committee met in December therefore outcomes of this meeting will be published when available.

Waste Packaging Changes

WM3 guidance is now in place (following the implementation of CLP on 1st June last year) and continues to clarify the definition of hazardous packaging waste including what is classed as empty. The guidance also has a separate Appendix D – on sampling of wastes which gives prescriptive methods of sampling criteria and subsequent calculations to apply.

The environmental working group will monitor this and the work of the BCF consortium. Following the last meeting in November, the 2016 amendments will take into account the work of the consortium in producing an alternative tool for users. Any updates will be published on the Environmental Working Group webpage. If you have any feedback or have further information, please get in touch.



Environment & Sustainability

Chairman:
Jenny Barnett



Standards

The Environmental Working Party continues to promote the advantages of undertaking accreditation to the environmental standard BS EN ISO14001:2004.

The new standards were published in September 2015 and now conform to the core Annex SL structure. This structure includes 10 defined sections which align all subsequent standards including ISO9001:2015 and the forthcoming ISO 45001:2016 (previously OHSAS 18001). There also key changes within the standards which place greater emphasis and explicit requirements on the organisations context, leadership and commitment, risk evaluation, results analysis and continual improvement.

ISO 14001:2015 Key Changes

The new ISO 14001:2015 standards have created a common structure for all standards in accordance with Annex SL. The new 14001 standard is now aligned to this structure which should ensure integration with other system such as ISO 9001:2015 and the forthcoming ISO 45001, more effective.

They key changes are as follows:

Section 4: Context of the organisation – this new section places a requirement on the organisation to determine internal and external issues relevant to the organisations purpose and which may affect its ability the achieve outcomes. Once determined, the context may go on to determine the overall shape of the management system.

Section 5: Leadership – this section has been extended to ensure that top management can demonstrate its commitment to the effectiveness of the management system. Accountability for ensuring continual improvement, effectiveness, management of change and allocation of resource is

specifically stated as a top management function and will need to be clearly demonstrated. In addition to this, there is a specified requirement for top management to demonstrate that the environmental policy and objectives are aligned with the strategic goals of the organisation. Review outputs are required to include implications or impacts for the business's strategic direction

Section 6: This enhanced section now requires an evaluation of risks and opportunities in respect to aspects and impacts and legal and other requirements (now referred to as compliance obligations). The standard also requires documentation of actions taken to address these risks or opportunities. This evaluation must now also take into account life cycle analysis.

Section 9: This section now includes additional focus on results reporting to challenge not only effectiveness but also performance analysis and improvement as a requirement of the standard.

Transition dates:

- Deadline for transition is 15th September 2018
- New certifications can be accredited to ISO 14001:2004 or ISO 14001:2015 (although will only be valid until the transition deadline
- Existing certification can be re-audited and upgraded to ISO14001:2015 whenever is appropriate for the organisation until the transition date.

Environmental Working Group Members

If you are interested in joining the Environmental Working Party, please get in touch with me or Lorna Williams.

We usually meet twice a year and combine our meeting day with the Health and Safety Working Party, as we have many topics that cross over between the two groups.

If you have any particular topics that you would like us to review, then please get in touch and we can add to our meeting agenda.



Sustainability...

By Tony Bingham • BASA Consultant

The next teleconference of the FEICA Sustainable Development Committee (SDC) will take place on 6th April 2016.

At the February meeting, chaired by the new FEICA Secretary General Philip Bruce, the priorities for the group were discussed and agreed for presentation to the FEICA European Executive Board meeting in March. We are finalising the 'FEICA Vision' paper to

be put onto the new FEICA website in the middle of the year. It was also proposed that the current Committee should change its format to one of a 'Standing Committee', meeting or teleconferencing as and when required, rather than the current one having a fixed number of meetings per year. We also looked at a number of possible 'SD best practice' examples and these were presented to the

EEB for approval of format, content and style. BASA are working on their ISO 14000 experiences and will present this to FEICA for inclusion this summer. So, if any of you have examples where the use of adhesives and sealants contribute to the sustainable development of either our industry or our customers', please contact the BASA Secretary. We'd love to hear from you.

Name change will reflect our work more accurately

You may have noticed the change of name to this particular working group, to more adequately describe the activities covered under our scope, including areas of interest to our members such as levelling compounds and screeds. Matters arising under the FEICA Construction WG, that may cover issues outside of adhesives but still relevant to our industry, will also be fed back into this group.

The first meeting of the newly-named group took place on the 6 April with an excellent turn out and I must thank all those who attended and contributed to the meeting. Updates were given by representatives of CEN and UK mirror committee members and I must also thank their involvement on behalf of BASA at these committee meetings.

The update given on CTA's included the progress made on revising EN 12004, which is hopefully nearing release, also the possibility of a new ISO Standard covering uncoupling systems and the ongoing problems surrounding mesh backed tiles that continue to be an issue. It was confirmed there



Building Adhesives & Construction

Chairman:
Neil
Sanders



were no plans to harmonise grouts with the standard currently under development, which will follow the 2 part format as undertaken for adhesives and EN12004. There is also the possibility of adding a fast setting grouts category to the standard.

Wood adhesives and the working group covering non structural wood adhesives CEN/TC193 SC1 WG12, was presented by Steve Furhmann of Bostik, who gave an update on EN204, EN205 and EN12765 currently under revision, which are to be editorial changes.

There was a lengthy discussion on the proposed changes to EN13813 to bring it in line with the CPR. The UK code of practice BS8204 is currently out for

review and I urge all of you with an interest and have comments they wish to raise regarding this set of standards to contact BASA.

We are still waiting on the revised amendment to the mandate M/127 to allow the harmonisation of flooring adhesives. This currently sits with the European Commission, and these things can notoriously take a very long time.

Items of interest relevant to the group were also discussed from the recently held FEICA Construction WG meeting.

One of the key areas on the table, is that with indoor air and its eventual introduction as part of CE marking. FEICA members would prefer to see a 'class' system for VOC, SVOC and LCI values, rather than the possibility of lists of values being linked to the Declaration of Performance, which is likely to be very complicated and confusing.

The minutes covering all these points may be found on the web site, together with the more in depth points covered with the CEN meetings.

Staying one step ahead

I've taken on this role from Paul Addison whom I would like to thank for his hard work both as chairman and long standing participant of the group. I am very pleased that he has offered to continue being an active member of the working party.

I agreed to take this role as I believe that for a small business, participation in working groups is an essential way of not only keeping up to date with regulations but being one step ahead of impending changes. My time in this group has shown me that we are lucky to have a very knowledgeable team that excel at dealing with regulatory challenges that arise.

My aim for the group is to continue that excellent work and to do this we will be establishing our goals and objectives at the next meeting. Subject to the groups approval the work programme will most probably continue to focus on concerns regarding food contact materials, an area where new materials are identified on a regular basis. In particular this is likely to include non-intentionally added substances (NIAS), migration, risk assessments, activities of the EU commission and Parliament Food Contact and any substance specific issues.

Another area of concern is that of recycling and in particular the area of so-called stickies and the current approaches that have a bias towards failing water based adhesives.

Many of the issues faced by the working group are already being addressed at a European level by FEICA so we need to ensure that we don't lose focus of the major issues facing the UK packaging industry.

Our terms of reference remain unchanged:

1. To inform the membership about current and forthcoming issues relating to adhesives used in the packaging and paper industries, including legislation.
2. To provide members with guidance on compliance with legislation through news bulletins, reports on the BASA website, poster sessions and presentations at the BASA Open Technical Forums.
3. To participate in the process of introduction and review of regulation in order to mitigate unreasonable demands and resolve regulatory conflicts.
4. To support UK industry views communicated on a European level through FEICA.



Packaging Adhesives

Chairman:
Andy
Steward



News in Brief...

Superglues by air

For air there seems to be agreement that cyanoacrylate adhesives are intrinsically classifiable as Class 9 UN3334 AVIATION REGULATED LIQUID, N.O.S. These are not regulated by the other modes of transport. Relaxations are currently provided allowing the goods to be in Excepted Quantity packages (EQ) or Limited Quantity packages (LQ) packages. Under the EQ provisions an effective total exemption from the International Air Transport Association (IATA) Dangerous Goods Regulations (DGRs) is provided for de minimis quantities (max of 1 ml per innermost packaging and maximum per package of 100 ml in total). However triple layer packaging requirements are quite stringent and may not prove acceptable to shippers. Aware that some companies are stating in their Safety Data Sheets (SDSs) that superglues when in receptacles of large size (e.g. 500 ml or 1 litre/receptacle) are not restricted, the BASA representative has raised the issue within the FEICA HazPro, and, via that forum, to CEFIC with a view to them proposing a special provision applicable to UN 3334 that would exempt from the DGRs superglues in receptacle sizes up to a specified maximum (e.g. 1 litre). This work is ongoing and we will keep BASA members informed as to progress.

Meanwhile ICAO (and thus IATA) will be making amendment to their provisions applicable from 1.1.2017 to the entry ID 8000 CONSUMER COMMODITY, to permit goods intrinsically classifiable as UN3334 AVIATION REGULATED LIQUID, N.O.S. to be shipped under the Consumer Commodity provisions; though these do not permit the EQ option.

Labels and release liners

The Future of Labels and Release Liners to 2021 states the global consumption for labels and release liners is forecast to reach 64.1 billion tonnes by 2021. Driven by increasing demand in emerging and transitional economies, the market will grow by 4.4% annually until 2021. The Future of Labels and Release Liners to 2021 is based on a combination of in-depth primary and secondary research including interviews with label material suppliers and converters, equipment manufacturers and end users.

For more information, please visit Smithers Pira (<http://www.smitherspira.com/products/market-reports/packaging/the-future-of-labels-and-release-liners>) or contact Bill Allen by email: ballen@smithers.com or by phone: +44 (0)1372 802086



Coming UP...

SafeCom 2016

11 May 2016 • Safeware Quasar Ltd • Eastwood Hall, Nottinghamshire, UK

CHCS Training 'EU Classification for Supply - Substances'

17 May 2016 • Chemical Hazards Communication Society (CHCS) • London, UK

CHCS Training 'EU CLP (GHS) Classification for Supply - Mixtures'

18 May 2016 • Chemical Hazards Communication Society (CHCS) • London, UK

CHCS Training 'EU CLP (GHS) Labelling for Supply'

19 May 2016 • Chemical Hazards Communication Society (CHCS) • London, UK

TSCA Essentials: An EU Perspective

23–24 May 2016 • ChemADVISOR • Cologne, Germany

Helsinki Chemicals Forum 2016

26–27 May 2016 • Chemicals Forum Association • Helsinki, Finland

Chemspec Europe 2016

1–2 June 2016 • Mack Brooks Exhibitions Ltd • Basel Messe, Switzerland

Chemical Safety Assessment under REACH

14–17 June 2016 • Utrecht University, Faculty of Veterinary Medicine • Utrecht, The Netherlands

Enforcement Summit Europe 2016

3–4 November 2016 • Chemical Watch • Brussels

Two functions but one objective: To mitigate cyber threats

BSI now offers Cyber Essentials certification. The Cyber Essentials scheme has been developed by Government and industry to fulfil two functions, **writes Neil Powell.**

It provides a clear statement of the basic controls all organisations should implement to mitigate the risk from common internet based threats, within the context of the 10 Steps to Cyber Security.

And through the Assurance Framework it offers a mechanism for organisations to demonstrate to customers, investors, insurers and others that they have taken these essential precautions.

Cyber Essentials offers a sound foundation of basic hygiene measures that all types of organisations can implement and potentially build upon. We believe that implementing these measures can significantly reduce an organisation's vulnerability.

What Cyber Essentials does is to define a focused set of controls which will provide cost-effective, basic cyber security for organisations of all sizes.

The Assurance Framework, leading to the awarding of Cyber Essentials and Cyber Essentials Plus certificates for organisations, has been designed in consultation with SMEs to be light-touch and achievable at low cost. The two options give organisations a choice over the level of assurance they wish to gain and the cost of doing so: the level should be based on an appreciation of business risk. Cyber Essentials is the entry level version. It is a verified self-assessment. On acceptance of the

quotation BSI forward a Self-Assessment Questionnaire, it is a detailed questionnaire – about 48 questions. This needs to be completed and returned. BSI then run a Vulnerability Scan (remotely run) on the outward facing IP addresses. The basic Cyber Essentials can be achieved in a matter of weeks, and Cyber Essentials Plus in around 2/3 months.

Cyber Essentials Plus requires a Pass for both, Cyber Essentials and the Work Station Construction Assessment. In Cyber Essentials Plus the Work Station Construction Assessment is conducted at the clients site using examples of the equipment with differing software builds you employ – it is not verified self-assessment. Certification lasts a year from the date the certificate is issued. (Neil is Key Account Manager BSI Cyber Essentials / Cyber Essentials Plus, and Kitemark for Secure Digital Applications, and is seen left in the picture above.

View the webinar at:

<http://www.bsigroup.com/en-GB/Cyber-Security/cyber-essentials/future-proof-your-business-webinar>



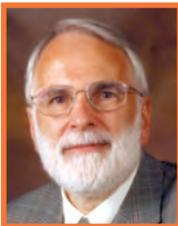
News in Brief...

The Future of Hot-Melt Adhesives to 2021

The Future of Hot-Melt Adhesives to 2021 acknowledges that the global market for hot-melt adhesives was estimated to be worth around \$5.5 billion in 2015. This is expected to reach almost \$7.6 billion by 2021, with an overall CAGR of 5.5%.

The new report provides a detailed explanation of this exciting segment of the adhesives market, to give your business an insight into the industry's

market over the next five years. Smithers Apex's research is supported by extensive industry data – underpinning both our appraisal of existing market conditions and our forecasting. For more information, please visit Smithers Apex (<http://www.smithersapex.com/products/market-reports/the-future-of-hot-melt-adhesives-to-2021>) or contact Stephen Frier by email: sfrier@smithers.com or by phone: +44 (0)1372 802006



Technical Briefing...

By Desmond Waight • BASA Consultant

As BASA members consigning 'fully regulated' dangerous goods should be aware, the European Agreement on the International Road Carriage of Dangerous Goods, requires that certain undertakings which transport significant quantities of 'fully regulated' dangerous goods and those involved in the transport related activities of packing, loading, filling, or unloading, must appoint dangerous goods safety advisers (DGSAs).

Undertakings have been required by UK legislation to appoint safety advisers since 1 January 2000. The current GB legislation is the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No 1348 - CDG2009), as amended.

One of the perhaps surprising omissions from the requirement was that consignors do not need to appoint a DGSA (unless they are also the packer).

Another, perhaps surprising, omission was that although the appointed DGSA must produce an annual report there is no official guidance at all on the format and content of the report.

BASA did produce a 'best-practice' guidance for members – which is still available on the BASA website here:

<http://www.basaonline.co.uk/members/basaguidance.aspx#Health%20and%20safaty,%20transport,%20SDS>.

EASA's DGSA proposals

In Europe, a relatively newly-formed group, called the "European Association of Dangerous Goods Safety Advisers" (EASA) in early 2015 gained observer status at the Joint Meeting of Experts on RID/ADR/ADN (which discusses and agrees changes for the next editions of the RID, ADR and ADN requirements).

In December 2015 EASA put forward a paper (ECE/TRANS/WP.15/AC.1/2016/3 at <http://www.unece.org/fileadmin/DAM/trans/doc/2016/dgwp15ac1/ECE-TRANS-WP15-AC1-2016-3e.pdf>) making proposals to change RID/ADR/ADN provisions from 1.1.2017. .

The changes proposed, if accepted for the 2017 editions of RID/ADR/ADN, would have implications for some BASA members.

The main proposals require:

- that any dangerous goods training – even in house training – be conducted by a qualified DGSA. This is likely to significantly increase charges for training.
- That consignors shall appoint a DGSA, even only ever carrying small loads of 'fully regulated' dangerous goods. This will add an administrative burden and costs (though a good DGSA will also seek out cost reduction possibilities).
- That the DGSA's annual report shall conform to a laid-down model. This will add slightly to costs for the annual reports

Though BASA is represented on the Department for Transport (DfT) Stakeholder Group about the work of the Joint Meeting, and was specifically asked for comment on the paper, BASA declined to comment on the EASA proposals. This was because there was no existing brief from BASA members on this sort of subject and, because based on past attempts, it was most unlikely, even if BASA members were to be surveyed, that they would be forthcoming in the short time required with considered views on the proposals.

Following the DfT Stakeholders meeting early in March, at which the EASA and all other proposals were considered, the UK brief will be to oppose all the EASA proposals, but support for them may come from other contracting states (for example Spain has submitted an Information (INF) paper supporting the idea of a DGSA model report. Visit this website for further detail:

<http://www.unece.org/fileadmin/DAM/trans/doc/2016/dgwp15ac1/ECE-TRANS-WP15-AC1-16-BE-inf40e.pdf>.

The RID/ADR/ADN Joint Meeting of Experts was held in Berne from 14th to 18th March, but the outcome of the EASA proposals was not known at time of going to press of this BASA Bulletin. We will however update in due course once the outcome is known.

News in Brief...

Three new CLH intentions submitted

- 2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime (EC 202-496-6; CAS 96-29-7) Proposed classification Acute Tox. 3, H301, Acute Tox. 4, H312, Eye Dam. 1, H318, Skin Sens. 1B, H317, Carc. 1B, H350, STOT SE 3, H335.

- Crystalline silica: quartz (SiO₂); [1] tridymite; [2] cristobalite; [3] (EC 238-878-4/239-487-1/238-455-4; CAS 14808-60-7/15468-32-3/14464-46-1) Proposed as carcinogenic.

- Bis(α,α-dimethylbenzyl) peroxide (EC 201-279-3; CAS 80-43-3) Proposed classification Org. Perox. EF, H242, Skin Irrit. 2, H315, Eye Irrit. 2, H319, Repr. 2, H361d, Aquatic Chronic 2, H411.

Further details are to be found at: <http://echa.europa.eu/web/guest/registry-current-classification-and-labelling-intentions>

Is your data properly protected?

The Information Commissioner's Office has revealed a new data protection self assessment tool. Designed to make data protection compliance easier for smaller businesses and organisations, it can be found here:

<https://ico.org.uk/for-organisations/improve-your-practices/data-protection-self-assessment-toolkit/>

The European Chemical Industry Facts & Figures 2016

This annual report provides an analysis of the latest competitive trends in the European chemical industry and the latest information. It is available to download from the FEICA pages on the members' area of BASA's website.

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

SAVE THE DATE



www.feica.eu

www.feica-conferences.com

Making an informed decision about how to vote in the EU referendum is tough, so BASA has brought together some information to help you plot a course through the confusion

European standards

What would be the impact of a UK exit from the EU on the UK's participation and influence in the European standards system?

Should the referendum on 23 June 2016 result in the UK leaving the EU, it is reasonable to assume that there would be an urgent re-negotiation of trade agreements with both the EU and other countries. There would be a number of impacts on BSI in its role as the UK NSB, most importantly on its role to represent UK interests in the development and use of standards by business and industry for trade, interoperability, quality, performance, innovation and market access.

To put this into context, in its work as the NSB, BSI manages around 1,200 committees involving 11,000 volunteers, publishes around 2,500 standards per year and withdraws around 1,000 standards per year that are no longer needed by the market or conflict with new standards adopted in the UK. Around 95% of BSI's work is on international and European standards.

The single standard model supports the European Single Market as it means that there is only one standard in use across all the countries of the single market on any given issue. The model is favoured by industry because it reduces the number of standards that an enterprise may have to consider in order to trade across borders. Businesses gain the benefits of market-driven good practice developed by broad communities of experts through robust and open standardization processes.

Governance of European standards is managed by the European Standardization Organisations CEN and CENELEC (known as ESOs2) whose membership comprises the NSBs of 33 European countries – including all the Member States of the European Union (EU) and other countries that are part of the European Single Market. It is a condition of membership of both CEN and CENELEC that all European standards are adopted identically by all members.

Clearly the precise impacts of Brexit would depend on a range of political choices made by the Government, some of them in conjunction with the EU and/or EFTA countries.

These impacts would depend on the political decisions made over future trade agreements. A range of options is possible. However whatever option is taken, there would be impacts in terms of relationships with partner countries and on the ability of the UK's NSB to influence regulatory policy at European level. It is possible that the UK's standing and influence in the regional and international standardization organizations would decline in the event that the UK left the EU.

This issue of loss of influence where standards interface with public policy and regulation is probably



the most serious negative impact for the UK of an exit from the EU.

European standards provide a means for business and industry to trade more easily within the European Single Market. They are developed through a consensus process by industry experts and all the other stakeholders likely to be affected by the standards. This process is independent of government, commercial or societal interests.

If the UK were to leave the EU, future UK influence over the European standardisation system would depend largely on a range of political choices that would be made by the Government, including whether or not the UK continued to commit to the adoption of European standards and the withdrawal of conflicting national standards. Around 25% of European standards are developed following a European Commission (EC) request, and the resulting standards support public policy in a variety of ways. The single standard model means that – where standards are used in this way by policy makers – only one standard is needed to meet a specific aspect of regulation.

The 75% of European standards that are not developed to meet European Commission requests meet other market needs and include test methods, terminologies, specifications for products and services, business process standards and guidance on good practice.

The UK currently has just over 7% of votes at the main stages of the development process of each CEN and CENELEC standard.

What benefits do European standards bring to the European Single Market?

Removing non-tariff barriers means minimising technical trading differences. This is achieved through mutual recognition of national requirements and through EU regulatory harmonisation as well as through European standardisation.

There are a number of benefits to the single market for business and industry, derived from standards and single (or mutually recognised) legal requirements:

- A product placed anywhere on the single market has free circulation.
- There is no need to have different product variants for different markets.
- There are economies of scale in production with lower unit costs.

- There are no additional testing costs to enter other states within the market.

Linda Lavender, Chief Executive, Trade Association Forum Ltd, said: "As you are all very aware, the EU Referendum is fast approaching. A plethora of high profile views have already made public, with the latest news today reporting the opinion that staying in the EU is the best hope for the UK's future. This view ties in with President Obama's visit to the UK, and comes from ex-US Treasury secretaries. They further add that leaving the European Union is a 'risky bet' for the UK. The advisers, who served both Republican and Democratic Presidents, say a Brexit could threaten London's pre-eminence as a financial capital and it would be 'difficult' to negotiate trade deals.

"However, those campaigning for Britain to leave the EU accuse these advisers of double standards and 'belittling Britain's place in the world'. They say that No. 10 is no longer content with doing down Britain's economy and is now soliciting help from the US to aid their stay in campaign. This view has been fiercely denied, and the counter argument has been made that this view is clear evidence of the huge support for Britain Remaining in the EU and it was entirely unsolicited.

"The latest polls indicate that the remain vote has pulled ahead of the leave vote as the Prime Minister's leaflet hits households in the UK. However, the risk for the remain campaign previously identified is that leave voters are more motivated to vote. This gap in motivation between the two sides is now apparently closing.

"Whatever your views, we are in for an interesting time over the next few months as the campaigns draw to their conclusion in June."

The TAF will be using the results of a survey from its membership to hold a debate-style event in London in mid-May as we approach the final phase of the campaigns.

- Further information about standards is on the BASA website Industry Standards Page titled 'BSI European Standards and the UK Issue April 2016'

Members can get further information at: <http://www.bsigroup.com/en-GB/about-bsi/uk-national-standards-body/EUReferendum/>

- No judgement is made nor should be inferred from this information over the merits or demerits of UK membership of the EU.



An economic view...

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Since its formation in 1993, the European Union (EU) has become larger than any individual economy in the world, with its GDP surpassing the USA's for the first time in 2003. Despite this, the EU's share of global GDP fell from 30% in 1993 to 24% in 2013. This is because growth in non-EU economies has outpaced growth of EU economies since the 1990's, mainly driven by strong growth in the BRIC (Brazil, Russia, India and China) economies.

Currently Brazil and Russia are contracting at 3% per annum, and China by my estimate is growing no faster than 3%. In the EU, Ireland is growing at 9%, Spain at 4%, Germany at 2%, France 1.5%, and Italy 1%. As EU banks become better capitalised I expect these growth rates to improve (except Ireland!).

How important is the EU to UK trade?

The UK has traditionally held strong trade links with the EU. Despite changes in the composition of the global economy, the EU accounted for 44.6% of UK exports of goods and services in 2014, and 53.2% of UK imports of goods and services.

However, strong economic growth in many developing economies outside the EU has increased the importance of non-EU countries, so the proportion accounted for by the EU has fallen consistently since 1999, despite the value of EU trade increasing.

Exports from the UK to EU and non-EU countries grew on average by 3.6% and 6.5% respectively in each year between 1999 and 2014.

However, the stronger export growth to non-EU countries resulted in the proportion of UK exports destined for the EU falling from 54.8% in 1999 to 44.6% in 2014, the latest year of data we have.

Growth in the value of UK imports of goods and services from EU and non-EU countries is more comparable, increasing by an average of 4.7% and 5.5% respectively in each year since 1999.

Faster growth in the value of UK imports from compared to exports to the EU has resulted in the UK's overall trade balance with the EU deteriorating (so the value of imports exceeds that of the exports), with the trade deficit widening notably, reaching £61.6 Bn in 2014 compared with £11.2 Bn in 1999. UK trade with the EU is dominated by goods rather than services; in 2014, trade in goods represented close to two-thirds of all UK exports to the EU, and over three-quarters of total UK imports from the EU. Between 1999 and 2014, goods imported by the UK from the EU have risen by 4.9% per year on average, compared to exports which have risen by 2.5% per year, causing the UK's trade in goods deficit with the EU to rise to £77.0 Bn.

Although the UK has historically recorded a trade in goods deficit with the EU, the trade in services statistics is more favourable, running a surplus every year since 2005 which reached £15.4 Bn in 2014.

UK exports of goods and services to non-EU countries have grown at a faster rate than imports, driven largely by the services side. This has resulted in the UK running an overall trade surplus with non-EU

The Brexit issue: An executive summary

The UK has always been a major trading nation, with its government fully involved from the beginning.

The EU has created a single market in most goods, but the UK has comparative advantage in services which for the most part are not freely traded in the EU or the rest of the world.

The UK runs a trade surplus in services with the world, but a trade deficit overall because by value imports of goods exceed exports.

The UK sells 46% of its total exports to the EU, and the EU 10% to the UK.

The UK has trade deficits with Germany and Spain. The UK is no.2 in the world as a destination for inward investment, and nearly half of this comes from the EU.

The UK is one of the least-regulated economies according to the OECD. Planning regulations, environmental regulations and the living wage are all home grown. EU trading standards are fast becoming global requirements

The EU Parliament is the second largest democratic institution on the planet, but EU voters seem uninterested, as seen by poor turnouts at the five-yearly elections. There is a difference between a

Regulation (which must be embodied into national law) and a Directive which must not. The UK tends to copper plate regulations.

Based on experience so far it is not possible to have tariff access to the EU market unless free movement of labour is allowed. Canada is the notable exception but its trade deal has not yet been approved by the EU parliament, and it has taken seven years to get this far.

UK business prefers to trade with countries which have strong cultural ties with the UK.

The UK is 91% British. The rest are migrant workers or students, roughly half from the EU and the other half from the rest of the world. The UK is currently at full employment with skills shortages in many sectors.

If EU migration was zero we would still exceed the government's target of 100,000 pa.

British exports are mostly not exchange rate sensitive, but a weaker currency boosts profits.

Based on knowledge to date a vote to leave will probably cause a three year recession initiated by collapsing confidence, cash preservation, static or falling house prices and higher than expected interest rates and inflation.

countries (where the value of exports exceeds that of imports) over the past three years, which reached £27.8 Bn in 2014.

How important is the EU for UK foreign direct investment?

Between 2004 and 2013, the net stock of assets held by UK residents and businesses overseas grew by an average of 5.4%p.a., but this was outpaced by growth in the net stock of assets held by overseas residents and businesses in the UK, which rose by an average of 11.6%p.a. This resulted in the UK's net position with the world (UK net assets held overseas minus net overseas assets held in the UK) declining by an average of 15.9%p.a. over the same period.

Within these totals, the EU remained both a major investor in the UK and a major recipient of UK investment; in 2013, 43.2% of UK overseas assets were held in the EU, whereas 46.4% of assets held in the UK by overseas residents and businesses were attributable to the EU.

Points to bear in mind

It is companies not countries which trade with each other. Almost all countries have at least one world-class local company, but it is like to be small and selling into global niches.

British companies prefer to trade with the old colonies or where culture and language is common. We have only a few large manufacturing businesses which possess a comparative advantage.

We have many smaller companies with price

premium niches (but whose owner-managers often avoid countries where the food is poor, or there is no sailing or skiing which they can combine with a business trip). These companies depend on highly skilled engineers, designers and IT specialists from around the world.

British exports are mostly premium priced, a lower exchange rate does not increase volumes by much, if at all. It does however increase the profit margin.

We have significant comparative advantages in services. After the US, Europe is the biggest global market for services.

It takes a long time to establish a presence in new markets unless you are selling clearly differentiated goods on the internet.

What should you do if you run a UK-based business?

If you are exposed to currency risk, buy forward now. As a precaution make sure you have banking arrangements which will allow you to survive a cash shortfall. Or begin to build a cash position.

Distribute this paper to all employees; don't tell them how to vote, just that it's important that they do.

Try and avoid getting angry with the political debate (that is unless the quality improves).

If you find that you disagree with this paper then do your own research and see if you can refute its content. The first place to start is fullfact.org.

This column has been taken from a much lengthier article; it appears in full on the BASA web site.

Help and advice are always on call thanks to the BASA arrangement with Croner

Running a business isn't easy, which is why BASA has teamed up with Croner to provide you with access to expert advice and guidance when you need it.

Whether it is a call on REACH, a disciplinary, absence or legal issue, the team of advisers are on hand to provide support. The Croner service covers:

- Health & Safety
- Employment Law & HR
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- Commercial legal matters

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Keeping you up to date

We'll also be working with Croner to keep you up-to-date with all the latest developments in legislation relating to HR and Health & Safety via email and articles – keep your eye out for those, and if you have a suggestion for a topic let us know.

Help us to understand what you need

In order for us to ensure we are offering you the right business support with Croner, we will be sending out a short survey. The survey should only take a few



minutes to complete and will help us to build up a true picture of what our members want.

Important: Accessing your Croner-i subscription

The domain name for your current Croner-i subscription is changing on 27 April from <https://app.croner.co.uk> to <https://app.croneri.co.uk>. You will still be able to access the valuable information and tools in your subscription as usual but if you access this via bookmarks and/or favourites, you will need to update these.

These changes do not affect your current user name and password.

You can also log in to your subscription at: <https://portal.wolterskluwer.co.uk> and then enter your user name and password.

You can follow us on Twitter to keep up to date with the news and commentary from Croner-i Hazardous Substances, and email us with any comments or queries.

To seek advice over the telephone, please call 0844 561 8133 quoting scheme number 83324. (Calls to this number will cost 7p a minute plus your normal access charge).

Underwritten in Pen...

The A55 in Wales suffered a chemical spill on 22 March, causing it to be closed at Colwyn Bay in both directions. The vehicle in question was a tanker carrying Ferric Chloride – a toxic, highly corrosive and acidic chemical compound. Fortunately, it wasn't long before the Fire and Rescue service emerged on the scene and cleaned up 27,000 litres of the spilled chemical.



BASA states in the most recent edition of its handbook, that when an incident like this happens, the case for having a comprehensive emergency plan in place cannot be overstated. OHES, a partner of Pen Underwriting incorporating OAMPS, is very helpful in this regard. They are always on standby to assist with any emergency that our policyholders face. With that in mind, we urge BASA members to stay tuned to further product line upgrades coming their way.



Pen Underwriting incorporating OAMPS
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General Telephone: 01372 869700
www.penunderwriting.co.uk

So, petrol must be packaged...

The papers for the March 2016 meeting of CARACAL (Competent Authorities for REACH and CLP) made 'interesting' reading, for in paper CA/05/2015 dated 17th February 2016 the commission paper put forward for discussion shows that the MS Experts have concluded "CLP currently does not allow the sale of goods without packaging, except for ready-mixed cement and concrete".

Enforcement of this requirement therefore would require sales of petrol and diesel at garages, and the delivery of LPG to households, to be in packaged format only. The prospect of people then decanting into their fuel tanks is not to be contemplated. This is the extract from the paper:

"As reported in CA/51/2015 and CA/89/2015, the Commission has organised several conference calls with experts in 2015 to discuss the need to regulate such goods without packaging and whether changes to the CLP Regulation would be needed. The minutes of the last conference call are

included in Annex I.

According to recital 49 of CLP, unpackaged goods can be supplied to the general public 'in exceptional circumstances'. This is governed by Article 29(3), which stipulates that: "when a hazardous substance or mixture referred to in Part 5 of Annex II is supplied to the general public without packaging it shall be accompanied by a copy of the label elements". Currently, the only entry in Part 5 of Annex II is ready mixed cement/concrete. Based on these provisions, there was agreement among the experts that CLP currently does not allow the sale of goods without packaging, except for ready-mixed cement/concrete."

However it was good to note that nevertheless, it was agreed that "a pragmatic solution should be sought for fuel/petrol."

Our consultant on the Supply and Transport of dangerous goods notes that this issue was raised by him with HSE years ago, in the first days of the



development of the original Chemicals (Hazard Information and Packaging) Regulations. The UK implementation of the original and subsequent Dangerous Preparations Directives (known in short as DPD) and of the 67/548/EEC Dangerous Substances Directive (known in short as DSD) were thus carefully framed to apply only the packaging and labelling provisions to dangerous goods supplied in a package.

Picture: Desmond Waight

Companies & People

DKSH

DKSH's Business Unit Performance Materials, a leading Market Expansion Services provider and distributor of specialty chemicals, will exhibit at SDW 2016 in London, to promote its specialty chemicals product portfolio. The world-leading event, which this year celebrates its tenth anniversary, showcases next-generation human identity solutions, focusing on intrinsic document security and on the new cutting-edge secure infrastructure now required to produce and use these advanced documents in live situations. It will be held at the QEII Center from May 10 (conference) until May 12 (conference and exhibition). DKSH will exhibit at stand C17

IMCD

IMCD N.V. has opened an office Tokyo. Shunsaku Kubo, pictured, was appointed Managing Director IMCD Japan at the beginning of April. Mr. Kubo holds a Bachelor degree of Chemical Engineering from the Kobe University in Japan and MBA from University of Leicester in UK. He also brings 24 years' experience in senior managerial positions, having worked for some of the leading chemical companies.



INTEGRA ADHESIVES

Integra Adhesives has been acquired by Scigrp. With its HQ in British Columbia, Integra makes specialty adhesives used to permanently bind engineered stone, natural stone, quartz, and solid-surface building products and interior finishes such as countertops.

LANGLEY-SMITH

Langley-Smith has appointed two new directors to look after day-to-day running of the business. Chris Crow, top, who joined Langley Smith four years ago, is qualified in International Business and Law and has French and Spanish as additional languages. He previously spent ten years in sales, and the management of a European business research company. He will manage the commercial functions within the company, including sales, purchasing, customer service and logistics.

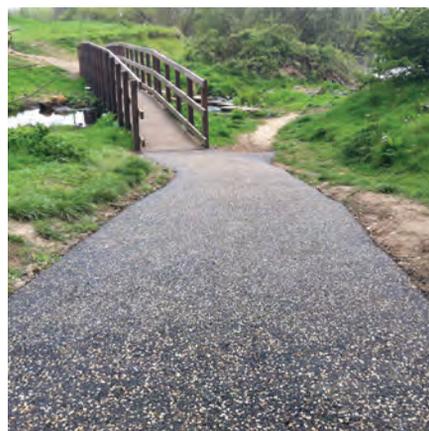


René Smit, below, is a qualified Chemical Engineer with many years' experience in the industry, having been employed by Eastman Chemical Company and Hercules Inc. including the management of both the Resins Division and Coatings Divisions, EMEA region. He will lead the company's expansion initiative and manage technical aspects of the business.

LEESON

Leeson Polyurethanes Ltd are pleased to announce the addition of Leeson's PU Rubber Mulch which is a fast curing, flexible, solvent free resin for bonding rubber mulch systems.

A rubber mulch system minimizes drain through, it is harmless to the environment and doesn't rot or decompose eliminating the need to be replenished. It is a safe surface in parks and play areas and acts as a barrier to weeds whilst increasing soil moisture beneath. The versatile system can be designed in bright colours or kept to a natural look depending on the environment but provides excellent slip resistance.



RAKEM

Rakem Ltd is now Huntsman's official distributor for white pigments (TiO₂) and functional additives (Blanc Fixe, Lithopone and Sachtolith) in the territory of UK and Ireland.

SCIGRIP

Scigrp offered one to one consultations at JEC World during March 2016 to help with projects in the earliest possible stages. SCIGRIP's President John Reeves said: "By setting up and working in a partnership with our clients from the very outset of any bonding application allows us to identify any constraints or stresses and assess the environmental conditions to which the component may be exposed. With this information and level of involvement we can specify the appropriate strength 10:1 or 1:1 MMA system to deliver the most successful and reliable results."



SIKA

Having had two market-leading adhesive fixing solutions independently verified for a full range of environmental impacts, Sika can now offer specifiers transparent life cycle data in the form of official Environmental Product Declarations, helping them to accurately compare products' environmental performance.

An EPD (Environmental Product Declaration) is an independently verified and registered document that communicates transparent and comparable information about the environmental impact of products across their whole life cycle. Model EPDs have now been introduced and verified for two high performance structural adhesives for rainscreen fixing cladding panels, namely SikaTack Panel and SikaTack Panel-50.

While an EPD does not imply that a declared product is environmentally superior to alternatives, it enables specifiers to compare products within each category on their environmental impacts, using third-party verified data. For projects aiming for high sustainability scores such as those seeking BREEAM ratings, the Life Cycle Assessment (LCA) data provided within EPDs can be included in the evaluation of a building, helping towards achievement of the necessary credits required.

SYNTHOMER

Synthomer has launched Plextol D 310 as a high-performance acrylic sealant that complements and strengthens the company's existing product portfolio for applications in industry and construction to fill gaps between joints, cracked surfaces and openings in materials to block liquid, dust, sound and heat transmission. Plextol D 310 is designed to provide excellent toughness and flexibility in balance. It is highly durable and its superior water resistance allows it to be used in high damp condition. Above that it features low Volatile Organic Compound (VOC) emission and is free from formaldehyde, alkylphenol ethoxylates (APEO) surfactant and ammonia.

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Chemical Search International offers an introductory 20% discount to any BASA member on its range of proactive recruitment services, and privileged rates on a range of professional career coaching and development services.

For details contact:
www.chemicalsearch.co.uk

Sign up for sports on June 14th!

Don't miss out on the chance to join us for our annual Sports Day in Shropshire on June 14th to meet old friends, network with new industry colleagues and pit your skills against the BASA Sporting Elite! The day is a unique 'Mix & Match' of Golf, Archery, Shooting and Croquet...and a superb dinner. There are still a few places left. This year we have selected a new Venue for our golf and presentation dinner at the MacDonald Hill Valley Hotel and Spa, Whitchurch, (pictured)

but by popular demand the Shooting has remained at the ever-popular West Midlands Shooting Ground.

Don't delay – book today
<http://www.basaevents.co.uk/sports-home.html>

Make that date

23–24 May 2016

TSCA Essentials:

An EU Perspective

ChemADVISOR Cologne, Germany

Tuesday 14 June 2016

Sports Day

Macdonald Hill Valley Hotel, Golf & Spa, Whitchurch and West Midlands Shooting Ground, Hodnet, for golf, croquet and a presentation dinner

Wednesday-Friday 7-9 September 2016

Feica European Adhesive & Sealant Conference and EXPO

Vienna, Austria

October 21st 2016

BASA Open Technical Forum

Croner House Hinckley

Tuesday-Friday 25-28 October 2016

WAC2016

Tokyo, Japan

Saturday 19 November 2016

BASA Dinner and Dance

Mercure/MGGallery Castle Hotel, Windsor

Thursday 8 December 2016

BASA and SAA joint Open Technical Forum: Wood Bending (and Christmas lunch)

Society of Chemical Industry, Belgrave Square, London

Obituary: Mr David Williams

On 1st July 1988 Mr David Williams became BASA's new Secretary, replacing Dr Peter Bosworth who retired after 15 years service. David had a degree in Physics and was a member of the Institution of Mechanical Engineers.

He received his engineering training at Rolls Royce where he spent several years working with diesel engines before moving to the oil industry to develop lubricant formulations. He joined Loctite UK in 1974 as technical services manager, moving on to Loctite international in 1983. For the 14 years before David became ASA Secretary he dealt with aspects of the applications of adhesives in industry, principally in promoting and furthering their use in engineering assembly. David also served on a number of BSI committees concerned with adhesives and sealants.

David's overwhelming desire when he took on the Secretariat was to widen his knowledge and understanding of the adhesives business. He said: "Above all I would like to foster the spirit of friendly cooperation without which an organisation such as BASA cannot expect to succeed". David was BASA secretary until his retirement on 30th

June 2002 and during his 14-year reign he focussed on ensuring that Communication with members was his key principle, particularly with those who participated in the BASA activities and events. He also commented: "Communication is a two-way process and those who respond will be the ones who are listened to."

The main recollection of my own contact with David is when he attended a Sealants Working group meeting in 2002 with outgoing Chairman Jeff Richards (then working for Dow Corning, now back in the Sealants WG with Sika Ltd). When it got to Agenda Item 3, "Chairmanship of the Working Group", Jeff handed over to David who sealed my fate with the infamous words: "As this is Jeff's last meeting as Chairman and he will be standing down due to his current workload, we would now like to discuss the new Chairman... or Chairwoman of this group." As the only woman on the working group, we could all see where that was going! Apparently turning up for all the previous year's working group meetings was all that was needed to convince everyone that I would make a suitable Chair!

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The Japanese Adhesive Industry Association will host the **World Adhesive & Sealant Conference 2016** at the **Shinagawa Prince Hotel**, Tokyo, Japan, for four days from **Tuesday 25 October to Friday 28 October 2016**. **Book your place now, visit www.wac2016.org**