

BASA Bulletin

INFORMED COMMENT FROM THE BRITISH ADHESIVES & SEALANTS ASSOCIATION



Put on your dancing shoes

BASA Dinner Dance, Saturday November 25th 2017

Grosvenor Hotel, Chester

This year's BASA Dinner Dance takes place at the spectacular Grosvenor Hotel in Chester. Since opening its doors in 1865, it has been an icon of understated style, glamour and elegance. The Chester Grosvenor is located in the heart of the city, and overlooks the famous Eastgate Clock, said to be the most photographed clock in England after Big Ben. The hotel is just a short walk away from Chester Racecourse, Chester Cathedral and the Roman Amphitheatre, discovered to be the largest of its kind in Britain.

BASA members will benefit from special rates and the evening promises to be entertaining and an excellent opportunity to relax with colleagues and friends and family and enjoy an evening of good food, good wine and good company.

Don't forget you are free to invite non-BASA guests!

Book online at: www.basaevents.co.uk/dinner-17-home.html

Limited places remaining – book now!

INSIDE THIS MONTH

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goes live
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All very
sporting
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More than 50 mix business with pleasure at rebranded event

New look delivered greater impetus at Open Industry Forum

The BASA Open Industry Forum on Wednesday June 14th was the rebranded Open Technical Forum – and what a success it turned out to be!

Our Technical Steering Committee wanted to try to include some business-related content rather than just having the technical tag, so we decided to forego the usual April scheduling and run the event the day after Sports Day.

This was intended to capture some of the Golfers and Shooters who perhaps did not normally attend previous Open Forum meetings.

The event was certainly a success and over 50 people attended the event. We had a great selection of speakers talking on various regulatory and topic subjects, and each Working Group also displayed the hot topics and information on their work programmes and were available to discuss items of interest.

The meeting was opened by Technical Officer and

Steering Committee Chairman Jim Palmer and delegates were treated to informative presentations on all these topics:

- Dismantleability of Adhesives & Sealants - Resource recovery for the Circular Economy
- Adhesive Bonding Training and Certification , Gareth McGrath, Director, Flexible Manufacturing Solutions Ltd
- The future for Epoxy Adhesives without Bis Phenol A, Stuart Darwen, CTP Chemicals and Technologies for Polymers Gmb
- Titanium Dioxide – will the European Chemical Agency really support the French proposal to classify TiO2 as a carcinogenic substance? Jim Palmer presented the latest position
- Silicones – will they still exists in 2020? Karl Evans, European Regulatory Affairs Manager, Dow Corning Corporation

Continued on page six

Our next OIF takes place on November 9th – BOOK NOW!

Uncertain times

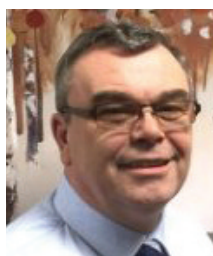
As the UK summer draws to an end, we find ourselves in uncertain times, with the Brexit negotiations under way, US-North Korea relations at an all-time low, and business coping with raw material uncertainty and currency fluctuation.

Sports Day and Open Industry Forum:

BASA has had a good year, and the changes to BASA's summer Sports Day with the addition of the Open Industry Forum produced a great attendance, and new faces at the Forum.

I very much hope that those BASA members who have not previously attended the event enjoyed the two days. We intend to stay with this format in 2018, so I encourage all of you to block the date in your diary now – June 12th to June 13th.

You'll have read the Open Industry Forum write up on Page 1, so if you were unable to



Chairman:
Mark
Louch

From the Chairman

attend and missed out please have a read and visit the new website, which is at www.basa.uk.com, where you'll be able to view the presentations.

The next Forum is on November 9th, and I

would urge you to take advantage of the opportunity to network and learn new things.

Flagship event: Our flagship event, the BASA Dinner Dance, is also an event not to be missed and we still have some availability, so I'd urge you to book a table, or better yet take advantage of the sponsorship opportunities. Go to www.basaevents.co.uk for more information and to book your tickets.

BASA Industry Lunch: We also hope to announce the date and venue for the BASA Industry lunch in March 2018 shortly, so watch out for those email notifications.

It's your bulletin – please get involved: Finally, I would urge all members to submit articles and stories for the BASA Bulletin. New products or personnel, sustainability initiatives, new plant and equipment can all make interesting stories for BASA members and great publicity for you!

Members may have noticed that the date of this issue of the BASA Bulletin has been moved forward slightly compared to previous years. I decided we wanted to be able to give you more time to buy those Dinner Dance Tickets for Saturday 25th November, and to make sure you were all aware about the Management Training course running on November 14th.

New website: This issue's big announcement is the launch of our brand-new website. As part of this process we have decided to drop the basaonline tag and have the new url www.basa.uk.com. Email addresses for Rebecca and I have also changed, and are now secretary@basa.uk.com and accounts@basa.uk.com. Please don't forget to change your address books! Information on the site is now more clearly laid out and a new notices system, where you can select how frequently you want to receive the notices, will vastly improve communications. The website is now also directly linked to the Handbook, so future updates will be simpler to implement. One added feature which is designed to increase dialogue with all members, is the ability for any BASA member to post their own content to the website. When each subscriber logs on, you will now be able to see who else from your company has website access and which groups they are in. We really want to widen the involvement, and would encourage you to get colleagues to register for access. We are looking at technical and business training, industrial fora, management issues, surveys, networking events and much more, so there is something for all. Even your personnel departments will benefit from access.

FEICA Conference: Due to the timing of this Bulletin, this issue will not report on the FEICA Conference that took place from September



Secretary:
Lorna
Williams

Secretary's notes

Email: secretary@basaonline.org

13th – 15th 2017 and I will be writing about what I am sure will have been an information packed three days in Sardinia in the next issue of the BASA Bulletin in the New Year. We will also post a conference report to the new website via the news section.

Sports Day: For this year's Sports Day, luckily, we had much better weather than 2016, and I encourage you all to read the full report on page 14.

Open Industry Forum – November 9th: Not to be missed is the second Open Industry Forum, happening on 9th November. This promises to be as informative as the June event that took place directly after the BASA Sports Day. This Forum's focus will be sustainability and industry specific training, with the usual regulatory updates and Working Group poster sessions. I am increasingly concerned about comments that adhesives are the culprit that prevents dismantability, so would strongly urge as many as possible to attend this free event. We want to make sure we un-

derstand the concerns and act appropriately in the future, and we can only do this if we know what our Members think. We also have some new guest speakers. One in particular representing TecLan Ltd, a UK start-up producing recycled high-quality silicone release papers. Their presentation promises to be very informative. We also have speakers from Defra and BEIS talking about Eco design and the Circular Economy. We will also have a speaker from LG Energy group talking about why it is a sound business idea to have an energy policy and how companies like theirs can help BASA members save money as well as the planet, in future. Members will be invited to book their FREE places via Eventbrite and all details can be found on the website.

Oh, and Brexit...: I can't sign off without mentioning the impending UK exit from the EU. There is a lot of behind the scenes work going on between the Government and their advisors (BEIS) in terms of the implications of the exit. We are all aware of the EU Regulation that has governed much of the Chemicals legislation and changes over the last few years. It will not be a simple process to transpose EU law into UK law, particularly for some of the chemicals legislation. BASA is already involved directly with BSI and BEIS in discussions about the effect on CEN Standards. Through our membership of the Alliance of Chemical Associations we are also involved in regular meetings to brief BEIS about our concerns. BASA Members are actively encouraged to ask me questions, pass on their concerns and discuss their requirements. Through our membership of the Alliance of Chemical Associations we are also involved in regular meetings to brief BEIS about our concerns. BASA Members are encouraged to ask me questions, pass on their concerns and discuss their requirements.

BASA workshop on November 14th 2017 – BOOK NOW!

The sales workshop for people who aren't in sales

Why it's important to make every team member count

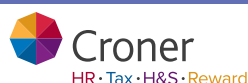
Your front-line sales people are good at selling. They must be. Otherwise you wouldn't have a business. You've hand-picked them. You've trained them. With their drive, their personality and experience, you know that these people will open doors.

But – you also know that the adhesives and sealant sector isn't an easy sell. It takes more than a trained salesman to close the deal. So often, it's a team effort – the technical guys, the production people, the commercial team, even your accountants! They all have a part to play – a key part in building trust and imparting detailed knowledge.

Can you be sure that your support team understands as well as the sales people, the subtleties of relationship building?

Beyond the sale

And what about once the deal is done? What about the rest of the customer journey? How good are your after-sales people at keeping your clients happy? BASA and Chemical Search have a workshop for anyone who



has contact with prospects or customers. After it, participants will ... be confident in presenting and supporting the sales effort

- understand their own preferred communication style
- be able to recognise and appreciate others' communication styles and adapt their own accordingly
- build better relationships with customers
- know how to spot further business opportunities with current customers

Places can be booked via Eventbrite at £350 per delegate including VAT and lunch. Full details are on the website. Bookings must be made before 14th October.

How good's your data protection?

Are you ready for the EU General Data Protection Regulation?

The Information Commissioner's Office is the UK's independent authority responsible for the upholding of information rights in the public interest, promoting openness by public bodies and data privacy for individuals.

Last May, Information Commissioner Elizabeth Denham told businesses there was no time to delay in preparing for what she called "the biggest change to data protection law for a generation."

The ICO has an online data protection self-assessment toolkit to help you assess your own compliance with the new Data Protection Act, and find out what you need to do.

Available resources are here:

<https://ico.org.uk/for-organisations/resources-and-support/data-protection-self-assessment-toolkit/>

and the toolkit is at:

<https://ico.org.uk/media/for-organisations/documents/1624219/preparing-for-the-gdpr-12-steps.pdf>

All change, now – and it's happening faster!

As the great American business magnate Warren Buffett once said, "In a chronically leaking boat, energy devoted to changing vessels is more productive than energy devoted to patching leaks."

Change is all around us, and it would seem almost by any measure that the rate of change is increasing, essentially driven by political, economic, social and technology advances. We may or may not feel comfortable with this, but it is an undeniable fact that will continue to happen. And of course this is not a bad thing – after all it can drive innovation as companies seek new solutions.

More specifically what are the main drivers for change in the chemicals sector? In a recent study PwC identified three main areas that are driving change;

Business Portfolio Coherence – much of the product pipeline in Chemicals is becoming more commoditised and congested.

Companies are questioning where the true innovation is coming from for the future health of their business. No longer can they move upstream or downstream to gain business. As a result significant restructuring is happening in the industry.

Next Generation Productivity – companies have been focusing on achieving business excellence in different functions in recent years, which has started to hinder cross function performance in some organisations. Companies are changing to more flexible and responsive strategies to react to



by Dr David Barkel, FRSC

Principal Consultant,
Chemical Search
International

opportunities as they arise – for example "just in time" manufacturing but on a global scale, which is coming back into fashion. Important not to be "just too late" though!

Digital transformation – perhaps the biggest driver of all. As the product portfolios become more commoditised then recognising and creating technical advantage becomes more difficult. The use of digital technology to bring firms closer to their customers and markets becomes key, and also using digital innovation. For example a polyolefin producer, previously regarded as a commodity manufacturer, is now producing a new grade for 3D printing, and so has opened up a whole new expanding market. Many would say it's those companies that embrace change and the real opportunities it represents rather than viewing it as a threat that flourish. Effective change requires strong leadership and active promotion of the company values that support this. Equally fostering a culture that encourages new ideas and innovation and of course is tolerant to some mistakes! For example Amazon's famous play rooms where employees are actively encouraged to come up with new

ideas – seems to work for them!

People react differently to change. Some find it highly motivational but others can feel threatened. If there are too many change initiatives without the effect of each one being fully assessed then this can lead to change fatigue within an organisation. We need look no further than the NHS for an example of this.

Communication is key. We recommend communicating change in four distinct ways – the big picture, the reasoned analysis, the detailed plan and how it will affect people. Research has shown that you are far more likely to get buy in on the three key levels required – intellectual (understanding the change), emotional (how does it make people feel) and behavioural (how will it affect my job).

You can achieve this by recruiting new people with the strong values for change, but you can also train your existing work force on how to adapt more effectively to change.

Chemical Search International is here to support you with the recruitment of new people, but also in your training requirements. We have, through our partners &Coaching, developed a workshop specifically on this Leading your Team Through Change, as part of the workshop series offered to BASA members. Do come along – will make a nice change!

Dr David Barkel
djb@chemicalsearch.co.uk 07722 144664

IVK probes trends in raw materials



German Adhesive Association IVK has published current trends in key adhesive raw materials. It says that despite intensified political uncertainties, the prospects for world economic activity are improving, indicating that business will continue to pick up around the globe.

IVK points out that demand for base chemicals remains high in Asia as well as the USA, where – as a logical consequence of supply and demand mechanisms – the prices for commodities are higher than those that can be obtained on the European market. The disparity in prices achievable on the Asian and US markets and those to be had on the European markets means that the tonnages imported to Europe are down, partly because commodities are also being exported from Europe to more lucrative markets in other regions.

The availability of adhesive raw materials was and will also be further impacted in Q1 and Q2 2017 by planned overhauls – as well as unplanned stoppages – in cracker plants in Asia as well as in the facilities dedicated to the production of base chemicals. Taken as a whole, all of these factors combine to restrict the availability of key raw materials in Europe – which will lead to shortages, along with the attendant price rises.

The publication states that during the first quarter, prices for ethylene, propylene, butadiene and styrene rose appreciably worldwide, although the actual availability and price levels varied from region to region.

Butadiene prices recorded historic highs in Asia, while ethylene ranked lower on the price scale in the USA than in Asia. When the production restrictions for downstream products (e.g. vinyl acetate) are factored in, costs for adhesive raw materials have been driven up still further around the globe. The impacts are evident in acrylates, vinyl acetate-based raw materials, and more particularly in SBS and SIS polymers, especially as the prices for natural rubber have also been climbing. Also affected are almost all solvents of key importance to the adhesives industry.

Regarding polyurethane systems, availability in Europe is affected not just by rising prices for isocyanates but also by the negative effects of arbitrage. As a result, formulation costs are rising across the board, affecting virtually all water-based, solvent-based and PUR adhesives as well as primer systems.

The report concludes that restricted availability of commodities coupled with sustained demand has pushed up raw materials prices, with inevitable consequences on the formulation costs for adhesives. Current market bottlenecks can only be expected to ease when the raw material prices on the Asian, US and European markets begin to converge once again.

Factory opening puts Itac back on track

Fifth-generation family business Itac is back on track thanks to expansion into its all new 'state of the art' production facility and warehouse more than two years after reduced production caused by a fire.

The company's Paul Armitt said: "Our new factory is the culmination of over two years of hard work. During that time, as well as planning and building the new facility, we have strived to service our customers to the best of our ability, all be it with reduced capacity. July 20th was a day of great celebration, not only to thank our customers for their continued support, but also the suppliers who helped.

"Also, importantly, all the Itac team, whose tremendous effort drove us forward and enabled the business to thrive and the new factory to become a reality."

Itac has been making adhesives and coat-



Paul Armitt.



ings in Manchester for more than 100 years.

The new production unit not only reinstates Itac's original capacity, but hugely enhances it. Larger, safer, computer-controlled plant and machines harness more power, in

a safe, clean and efficient environment.

Alongside, a new purpose-built warehouse feeds temperature-controlled raw material in and stores finished product ready for its onward journey.



Mapei gets the job done fast

Morrison's has chosen Mapei's Mapefloor i302 resin flooring for a 1,200m² food processing plant in Northwich to renovate the existing flooring and provide a safe and durable solution.

Dates had already been set to install new machinery at the factory, so the project had to complete within a short timeframe so as not to delay further works, whilst simultaneously not compromising on quality of finish. The floor covering was installed within one week, with the machinery being installed on time.

Instarmac's on top in the Midlands

BASA member Instarmac has been named as the top company in a list of the 300 best performers in the Midlands.

Sponsored by HSBC, Coventry University and the Institute for Advanced Manufacturing and Engineering, Insider magazine uses Experian IQ to measure each company's turnover and pre-tax profit. Using these two numbers, an average is taken and the top 300 are drawn in order from that list.

As well as turnover and pre-tax profit, Insider also looked at profit margin, the amount of businesses exporting and number of employees. Instarmac was one of the first companies to switch to the new ISO accreditations.

INSTARMAC®

Langley Smith secures UK distributor role for DRT



DRT has named Langley-Smith as exclusive UK and Ireland distributor for its industrial products.

The arrangement became effective on August 1st, and Langley Smith will continue to offer a broad range of modified aliphatic and aromatic hydrocarbon resins to the market alongside hydrogenated hydrocarbon resins, EVA, SIS and PIB. Langley Smith & Co. Ltd. is a UK based specialty chemicals distributor with stock points and offices in the UK, Italy and The Netherlands. The company offers a broad range of natural and hydrocarbon resins to customers all over Europe.

Scigrip achieves ISO9001:2015

SCI GRIP has achieved the International Organisation for Standardisation 9001:2015. Tim Johnson, SCI GRIP's European Sales and Marketing Manager, says the company's wide scale engagement was a vital factor in securing the accreditation. "The ISO 9001:2015 standard demonstrates SCI GRIP's commitment to our customers' successes as well as our dedication to making our own organisation more efficient. The company is proud to be recognised for delivering the highest level customer satisfaction through effective quality procedures".



Croda presses on with Hull project

Croda has started work on its £27m expansion project at Hull site in Yorkshire.

Chief Executive Steve Foots handed over the project to Project Manager John Batty for work to start on the investment that will nearly double existing capacity. It demonstrates the Company's commitment to UK manufacturing and will provide long-term job security for the workforce at their facility in Hull and support the local economy during construction.

Mr Foots said: "We are hugely proud of our Yorkshire heritage, so I am delighted to be here with the Lord Mayor of Hull, his colleagues and other members of the Croda Board and Executive Committee to mark the start of the construction phase of this major project, one of the largest capital investments we have ever made at any of our European operations."

"The project will combine cutting edge technology with optimised production and process efficiencies ensuring that Croda can continue to

CRODA

supply the highest performing and most innovative products to our customers across the world."

Hull's Lord Mayor Sean Chaytor said: "As a key employer in Hull and the surrounding region I am delighted that Croda has chosen to safeguard local jobs with the hope they will create further opportunities in years to come."

Justin Williams, Hull Site Director said: "This strategic investment will provide job security for our workforce and is aligned with the Government's Northern Powerhouse initiative to boost investment in science and innovation. The longer term benefit of this project will be seen across the entire supply chain through a significant increase in the demand for locally grown natural raw materials."



Bond It wins 'inspiring business' award

Bond It has won an Inspiring Business Award in a competition staged by Datal. The awards are designed to acknowledge outstanding and inspirational success stories from across its customer community of more than 1,000 businesses.

This year's awards coincided with Connect – a biennial one day conference, exhibition and networking event held by Datal for Sage users.

Bond It emerged as the overall winner in the 'Embracing new technology' category, which aims to recognise a business that is at the forefront of technology and that is 'ahead of the curve' in some way.

Paul Walters, sales and marketing director at Bond It, said: "Everyone at Bond It is delighted at winning an Inspiring Business Award. It's fantastic to have our forward thinking approach and our willingness to embrace cutting edge technology recognised by an independent third party. "The investments we've recently made into our IT infrastructure, and elsewhere across our operations, will maintain our ability to offer the best products backed by the best service and support as the business undergoes rapid and sustained growth."



SURFEX

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Conference & Exhibition

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Surfex is free to attend. Visit www.surfex.co.uk



22-23 MAY 2018

Ricoh Arena, Coventry

June's Open Industry Forum

from page 1

- Safe handling of Isocyanates and customer training requirements for polyurethane adhesives and sealants.
- Jim Palmer BASA Technical Officer presented the latest FEICA information
- Jane Thornback, Sustainability Policy Advisor, Construction Products Association
- Poisons Centres – How much of your IP will you have to give away? James Follows, H&S WG Chair presenting on behalf of Caroline Raine
- Is this the end for water based products? – the future of preservatives. Jim Palmer presented an update about joint work with the BCF

The presentations are available on the BASA website for members who were unable to join us on the day.

"This is a great networking opportunity and also gives both technical and non-technical delegates ways to get involved," says BASA Secretary Lorna Williams. "I promise that everyone comes away from the day learning something new, so please book for the next Forum on November 9th at Croner House, Hinckley. You can book via Eventbrite, and the link is on the BASA website. The agenda for the day is summarised right."

The event is free for members, so don't miss out on this valuable resource. We also have a great offer for five members on the day from our Affinity Partner Croner. They are offering five FREE member SafeCheck's offer (normally priced at £295 + vat). Come along on the day to claim your free Safecheck. Details of the Safecheck are on the BASA website.

Presenting at our next Open Industry Forum...

This event is free for members to attend and places can be booked on Eventbrite - see the website for details

DRAFT AGENDA FOR THE OPEN INDUSTRY FORUM

Introduction by Jim Palmer, TSC Chairman

Details of five free Croner Safechecks available to BASA members on the day

Philip Bruce, FEICA, on FEICA's sustainability activities

Arthur Montagu (BEIS, Home and Local Energy) to talk about ECO Design

Hannah Schellander, (Defra) to speak on the Circular Economy

Presentation on the new Waste Packaging Guidelines

Waste problems faced by Industry and the value of recycling schemes to BASA members

Mark Thompson of Techlan Ltd, talking about recycled silicone release papers

Poster presentation by BASA Working Groups

Environment & Sustainability Chair Jenny Barnett

LG Energy group on the value to business of having a good energy policy

Thursday
November 9th,
Croner House,
Hinckley

Why it pays to belong

BASA offers a diverse range of benefits and initiatives to members, including comprehensive support from an employment law specialist. Croner is the trusted partner of The British Adhesives and Sealants Association, and the UK's leading provider of workplace advice, information and software.

Croner has been advising business professionals since 1941, providing expert HR, Health & Safety, and business support to help members plan ahead, improve efficiency, and avoid risk. Whether it is a call on a disciplinary matter such as persistent lateness, an employee who is often off sick, there's been an accident and you're not sure if it's reportable, or an issue with your landlord, the team of advisers are on hand to provide practical advice and support. The Croner service covers:

- Health & Safety
- Employment Law & HR
- Tax, VAT, PAYE, National Insurance & Payroll
- Commercial legal matters

The Top Five Benefits of Croner's Support

1. 1 hour of employment law advice with an experienced employment law solicitor could easily cost in excess of £200 per hour. This level of advice is included in your membership subscription, so saving you money and offering you peace of mind that you are turning to industry professionals for support.

2. Dealing with a single case of unfair dismissal would take, on average, 33 hours of support and representation time @ £200 per hour (£6,600). If lost, the award on average is £8,900, so for this single element it could potentially cost your bottom line, £15,500. Using your inclusive Business Support Advice line could prevent you having to deal with this type of claim and subsequent costs, therefore saving you both time and money.

3. The HSE have a non-discretionary legal duty

to charge for their time. If a material breach is found, then the inspector will charge at that rate for all of their time spent, on and off site trying to ensure that the breach is remedied. Utilising Croner could potentially save you from these costs.

4. On Wednesday 26th July 2017, the Supreme Court ruled that tribunal fees are unlawful and a barrier to justice, abolishing them with immediate effect. As a result of this ruling, if an employee feels that you, as an employer, have treated them unfairly, there is nothing to stop them making a claim against you, which could have a devastating effect on your business. Croner can help with the proactive steps to avoid risk and ensure compliance, and in the event of a tribunal, have a successful resolution rate of over 85%, handling in the region of 1,000 claims every year. This means that you can rest assured that you will be supported from the beginning to the end of proceedings.

5. In light of more stringent measurements and heavier fines coming into effect where Health and Safety is concerned, Croner provide a Safecheck solution to highlight any risks in your premises, and help you to action accordingly. Every attendee of BASA's next Open Industry Forum on 9th November, to be held at Croner House, will also have the chance of winning a free Safecheck review from an experienced consultant.

Here's what a client says about the services:

"I wanted to email as a result of using Croner for several years now just to say how impressed I have been with the service. I have dealt with



Croner

HR • Tax • H&S • Reward

Ben a few times and as you can imagine it's not a pleasant thing when I have to make contact as it means we have a problem! Every time without fail he has managed to obtain a result for the company, his legal knowledge and personality is outstanding I have no hesitation recommending him at all, the company is a true asset to a small business like us."

Glweasy Promotions

Additional Services

While the advice is restricted to telephone advice and the consultants are unable to draft or review any contracts, leases or letters as part of the inclusive membership support, Croner can offer this service for an additional discounted fee; however the vast majority of queries can be managed over the telephone. Where matters are more complicated the advice line can be useful for guidance as to whether or not an issue is worthwhile pursuing and, if so, how and where representation can be sought. How can you access the service?

To take advantage of this fantastic member benefit call the team at Croner on 0844 561 8133, quoting scheme number 82809.

Technical Working Groups – 1

Well that was summer – did I blink and miss it? Whilst many of us will have enjoyed well-earned breaks the world of adhesives and sealants does not stop and neither does the effort required to keep up to date with the ever changing regulatory and legislative developments within our marketplaces.

Fortunately the launch of the new BASA website will, I am confident, prove to be of great assistance and value in keeping the membership abreast of all that is happening. Below and elsewhere in this issue you will find the latest situations on the key topics reported by our colleagues, consultants and working group chairs. I could not write this report without referring to the tragedy of the Grenfell Tower fire in London. BASA members producing adhesives or sealants with fire protection performance will undoubtedly be following the resulting developments in building regulation requirements and the necessary performance testing to substantiate any claims made with third party test houses carry out such testing. Additionally, BASA is a member of the Construction Products Association (CPA), who have been asked by government to join an Industry Response Group (IRG) alongside Build UK and the Construction Industry Council to help ensure the sector can meet the fast-moving challenges following the fire and BASA will actively support the work of this group on behalf of the members.

CPA also plan to arrange a member's workshop in the Autumn to allow everyone to table their perspectives, details of this workshop will be published nearer the time.

After many months of drafting and



BASA Technical Officer:

Jim Palmer



TSC overview

consultation with other trade associations and government, a new guidance document 'the Industry Assessment and Classification of Waste Packaging', which has recently been accepted by the Environment Agency, has finally been published. The guidance is designed to assist chemicals companies, which produce waste packaging, in meeting their duty of care obligations surrounding the assessment and classification of wastes under the Environment Agency's Technical Guidance WM3.

The new format for the Open Industry Forum (OIF) was tested in June immediately following the BASA Sports day. I am pleased to report that the new look was widely appreciated and that attendance was very good, and so we propose to continue developing this approach to broaden the appeal to industry colleagues beyond the technical departments.

At the IOF Gareth McGrath from Flexible Manufacturing Solutions also introduced the topic of structured learning through Continuing Professional Development (CPD) training for each of adhesive

specifiers, adhesive applicators and adhesive engineers, (the presentation is available on the website). Gareth posed several questions to the meeting about the industry's perceptions of suitability and desirability of providing such training. A subsequent survey of members has revealed a healthy level of interest and further development of the idea is planned. If you have not already contributed to this survey, please go to: www.surveymonkey.co.uk/r/BASAFormalTrainingProgrammeFeedback

The general theme for the OIF was "Business Impact and Cost of Substance Restrictions" and centred around the business costs and consequences to members of current and upcoming legislation, with the latest known situations presented on biocides restrictions, titanium dioxide classification, and restriction proposals for diisocyanates, polycyclic siloxanes and BPA base epoxy resins.

The next OIF will take place on Thursday 9th November at Croner's offices in Hinckley, around the theme of 'Environmental issues, sustainability and training' with several external speakers. This event is free to all members and places can be booked through the 'Eventbrite' system. The final agenda will be posted on the website closer to the event, however the provisional programme can be read on page 6. There will also be poster presentations from each of the working groups with the opportunity to discuss the current issues with working group members and discover what is involved in participating in this important work.

It is becoming increasingly clear that we, the Industry, are in this for the long term and are currently talking in conceptual terms, rather than practical member company help terms, for the near future.

CEFIC were invited to come and talk to us on the Circular Economy report they had produced in conjunction with Accenture to give us a view of their strategic thinking. They gave a particularly high-level sustainability presentation focussing on moving away from unsustainable fossil fuel resources for feedstocks and drastically reducing our use of oil for transportation - real 2030 goal planning but not particularly practical for short-term learning initiatives.

We also had a most enlightening presentation from a representative from Henkel's Brussels Office outlining the Commission's thinking on the Circular Economy. Certain challenges for our industry were highlighted in the presentation, amongst which were:

- No fact-based knowledge about our industry among stakeholders. The overall knowledge is



Consultant
Tony Bingham

Sustainability

low and the value chain is unknown to many – we need to educate

- We have a perceived low level of trust and reputation – we need to join forces to position the industry as a solution provider within the debate
- We have a low tech image and must educate
- The use of adhesive and sealants presents a problem. Perceived to impede recycling or reuse – we need to change the narrative showcasing their sustainability benefits
- The recycling vs. durability debate

It was also highlighted that the industry should be talking to regulators with the aim of developing a structured communication towards them as well as suggesting that FEICA might consider the development of an external affairs strategy.

In other discussions, it was noted that FEICA will be further developing a strategy involving recommending A&S companies talking to recyclers to better understand their issues so that we can work together to develop better A&S and/or recycling solutions. Sectors identified as a 'priority' in the Circular Economy debate were Electronics, Packaging, Automotive and White Goods. Interestingly, Construction is not currently a high priority in the Circular Economy debate at EU level). There will be a workshop on September 13th at the FEICA Conference concerning Sustainability where many of these issues and initiatives will be presented along with an opportunity for a delegates' discussion. This session will be led by the Chairman of the FEICA Sustainable Committee, Matthias Hofmann.

Technical Working Groups – 2



Chairman:
James
Follows



Health & Safety

SVHC updates

Authorisation list

The Fifth Amendment to REACH Annex XIV, also known as the Authorisation list, was officially published on 14 June. Twelve Substances of Very High Concern (SVHCs) have been added to the list, which now accounts for 43 substances in total.

Note: Sunset date: Date from which the placing on the market and the use of that substance shall be prohibited unless an exemption applies or an authorisation is granted, or an authorisation application has been submitted before the application date.

For further information on the list follow the link: <https://echa.europa.eu/addressing-chemicals-of-concern/authorisation/recommendation-for-inclusion-in-the-authorisation-list/authorisation-list>

Submitted restrictions under consideration: Restriction of Diisocyanates

The restriction proposal for isocyanates is under consideration and is open for Comments for Annex XV restriction report. The deadline for comments on the restriction report is 22 September, 2017, and the link to the progress and comments is:

<https://echa.europa.eu/restrictions-under-consideration/-/substance-rev/16120/term>

Want to be involved?

Remember to visit www.basa.uk.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 members' area for other topics the group is working on. Contact the secretary for more details via email to secretary@basa.uk.com

AUTHORISATION LIST:

Substance

Intrinsic property(ies) referred to in Article 57

Examples of uses

Latest application date for the following substances is 4 January, 2019; sunset date is 4 July 2020. Article 57 records them as toxic for reproduction (Category 1B).

1-Bromopropane (n-propyl bromide)

EC No : 203-445-0

CAS No : 106-94-5

Solvent used in adhesives

Diisopentylphthalate

EC No : 210-088-4

CAS No : 605-50-5

Used to manufacture propellants

1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7 rich

EC No : 276-158-1

CAS No : 71888-89-6

Used in plasticisers for Sealants and coatings

1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters

EC No : 271-084-6

CAS No : 68515-42-4

Used in plasticisers for Sealants and coatings

1,2-Benzenedicarboxylic acid, dipentylester, branched and linear

EC No : 284-032-2

CAS No : 84777-06-0

Used in plasticisers for Sealants and coatings

Bis(2-methoxyethyl) phthalate

EC No : 204-212-6

CAS No : 117-82-8

Used in plasticisers for Sealants and coatings

Dipentylphthalate

EC No : 205-017-9

CAS No : 131-18-0

Used in plasticisers for Sealants and coatings

N-pentyl-isopentylphthalate

EC No : —

CAS No : 776297-69-9

Used in plasticisers for Sealants and coatings

Latest application date for the following substances is 4 April, 2019; sunset date is 4 October 2020.

Anthracene oil

EC No : 292-602-7

CAS No : 90640-80-5

Carcinogenic (category 1B)***, PBT, vPvB

Used in Coatings

Pitch, coal tar, high temp.

EC No : 266-028-2

CAS No : 65996-93-2

Carcinogenic (category 1B), PBT, vPvB

Used in Coatings

Latest application date for the following substances is 4 July, 2019; sunset date is 4 January, 2021.

4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated (covering well-defined substances and UVCB substances, polymers and homologues)

EC No : —

CAS No : —

Endocrine disrupting properties (Article 57(f) — environment)

Used in Coatings

4-Nonylphenol, branched and linear, ethoxylated (substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof)

EC No : —

CAS No : —

Endocrine disrupting properties (Article 57(f) — environment)

Used in Coatings

CANDIDATE LIST: ECHA added a new substance to the Candidate List, and updated several. The first substance is included as vPvB (article 57e); the remainder are included because of their endocrine disrupting properties (Article 57(f) - human health):

Substance	EC no.	CAS no.	Uses
Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	-	Plasticiser, lubricant, surfactant, wetting agent, corrosion inhibitor and fire-fighting foam. Not yet REACH- registered.
4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8	80-05-7	Manufacture of polycarbonate, as a hardener for epoxy resins, as an anti-oxidant for processing PVC and in thermal paper production.
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	Adhesives, sealants and coatings.
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	Plasticiser in polymers such as PVC.
Dibutyl phthalate (DBP)	201-557-4	84-74-2	Plasticiser in polymers such as PVC.
Diisobutyl phthalate (DIBP)	201-553-2	84-69-5	Coatings, fillers, putties, modelling clay and polymers.

For further information visit: <https://echa.europa.eu/candidate-list-table>

PACT update: 24 substances have been added to the public activities coordination tool (PACT). These are currently undergoing risk management option analysis or hazard assessment by the authorities.

Substance	Inclusion	Uses
1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo [12.2.1.1.16,9.02,13.05,10] octadeca-7,15-diene	suspected of being PBT	Polymers
2,4,6-tribromophenol	PBT	Flame retardants
2-ethylhexyl trans-4-methoxycinnamate	Endocrine Disruptor	Adhesives
4,4'-isopropylidenediphenol (bisphenol A; BPA)	CMR, ED	Adhesives
Dichloromethane	Endocrine Disruptor	Adhesives, coatings
Dicyclohexyl phthalate	Endocrine Disruptor	Solvent, plasticisers
Diethylmethyl benzenediamine	Endocrine Disruptor	Binding agent for adhesives & paint
Disodium peroxodisulphate	Resp Sens, Skin Sens	Curing agent
Nickel sulphide	CMR, Sensitiser	Catalysts
Persulfate potassium	Resp Sens, Skin Sens	Adhesives, coatings
Terphenyl, hydrogenated	PBT	Adhesives, coatings
Trinickel disulphide	CMR, Sensitiser	Catalysts

For further information visit: <https://echa.europa.eu/addressing-chemicals-of-concern/substances-of-potential-concern/pact>

www.basa.uk.com

The BASA Environmental and Sustainability Working Group monitors, reviews and informs members of environmental changes, legislative updates and implications of new regulations and guidance for members, in addition to communicating future considerations and best practice tools.



Chairman:
Jenny Barnett



Environment & Sustainability

Waste and Waste Management: WM3 continues to be reviewed and the EC waste legislation is currently being discussed by the Commission. We continue to wait and see if there are likely to be any changes. The Environment and Sustainability Group will continue to monitor. The document "The assessment and classification of waste packaging" was developed by trade associations representing companies operating in the chemicals supply chain that use packaging. The Environment Agency, Natural Resources Wales and Scottish Environment Protection Agency have welcomed the development of this guidance and have agreed to its adoption in England, Wales and Scotland. The document provides a way of assessing whether packaging to be taken off site is waste or not and if waste, whether it is waste packaging or not and whether it should be classified as hazardous or non-hazardous. It includes a method that allows for the weight of the packaging to be taken into account and is intended to be complementary to the joint environment agencies 'Technical Guidance WM3'. It will also support companies in the context of resource efficiency and the concept of the circular economy. The document is available on the BASA website, and has the calculation tool embedded in it.

Circular Economy: Jane Thornback of the Construction Products Association gave an excellent introduction to the circular economy and how this may affect our industry. With some thought provoking points looking at what the buildings and construction industry needs to consider for the future, it is definitely a presentation not to be missed. This can be found on the BASA website at www.basa.uk.com. The Environmental and Sustainability Working Group is keeping this topic high on the agenda and request that all members remain vigilant to any changes/new regulations in or outside of our industry that has the potential to impact adhesives use. BASA are positively investigating all opportunities in the circular economy arena to promote the sustainable use of adhesives and sealants and will work on the publishing of position papers and guidance as this subject develops.

14001 Standard

Reminder: Deadline for transition to the new BS EN ISO14001:2015 standard is 15th September 2018.

Environmental Working Party Members: If you are interested in joining the Environment and Sustainability Working Group, please get in touch with either myself or Lorna Williams. We meet twice per year on average and combine our meeting day with the Health and Safety Working Group as we have many topics that cross over between the two groups. The next meeting is scheduled for September. If you have any topics you would like us to review, please get in touch and we can add your topic to our agenda.

Technical Working Groups – 3

CEN TC193 WG4 Building Adhesives

WG4 met last month in Berlin, with the main topic once again the development of the soft flooring (EN14259) and parquet (EN14293) adhesive standards. A number of points were discussed including the possibility of having to fall into line with other adhesive standards with companies being forced into undertaking fire testing. Both the chairman and the CEN consultant dismissed this and stated testing will only remain a requirement for the floor covering but not the adhesive. Significant changes within PWI EN 14259 rev. include the inclusion of other types of flooring adhesives previously excluded from the standard including, tackifiers (release adhesives) used for holding carpet tiles and tapes. These are included for VOC testing only with no mechanical parameters set.

CEN TC303 - Floor screeds and screed materials:

The next plenary meeting of CEN/TC303 is to be held in Brussels in September. WG1 will be discussing the disapproval of EN13892-9 shrinkage and swelling test. WG1 will be sifting through the 38 pages of comments that have been made by in relation to the revised EN 13813. The BSI delegation will be ably represented by our own BASA member and UK lead expert in Stuart Whiteley.

CEN TC193 SC1 WG12 Adhesives for non-loadbearing timber structures:

TC193/SC1/WG12 will be meeting later this month. The development of a new standard called; "Classification of wood adhesives for non-structural timber products for exterior use" is progressing with further Round-Robin Testing. Most likely the testing regime will consist of Shear Bonds tested after boiling in water and a WATT 91 style shear bond test conducted at elevated temperatures. ISO 6238 is being considered for transfer as an EN standard (new PWI). The standard gives a method of testing wood adhesives by compressive shear and is being considered as a potential method for gauging the minimum pressing time of adhesives.

CEN TC67 WG3 Products for installation of ceramic tiles: EN12004-1:2017 New DOP and CE Marking for Tile Adhesives likely from November 2018.

In the last bulletin, I mentioned the new updated EN12004 standard. When a European Standard that is cited in the OJEU is replaced by a new version, the European Commission (EC) will generally use the 'Date of withdrawal of that new version as the date of cessation of presumption of conformity of the superseded standard'. This date marks the end of the period during which both the old and new versions of the standard can be used to claim 'presumption of conformity' to the essential requirements of the relative directive. After that date, 'Presumption of conformity' can no longer be claimed for a product manufactured according to the old version of the standard. When a new version of a standard is issued, this means that the reference use in your DOP requires updating (dated reference is required



Chairman:
Neil
Sanders



Building Adhesives & Construction

according to CCMC/CPR) Under the CPR, your DOP cannot be amended without re-issuing a new DOP under a new number. This means that the CE marking must also be changed (as the DOP number is referenced in the CE marking).

EN12004-1:2017 has not yet been cited in the OJEU, so exact transition dates are not known. However it is likely to be November 2018 – the same as the date of withdrawal cited in the standard. We will advise members through the website as soon as the standard is published on the OJEU. Members should consider how this affects CE marking of any product placed on the market after this date.

Update following current work within CEN TC 351 and the Commission:

A draft delegated act is in process to look at establishing classes of performance for emissions. Currently CEN TC67 have taken the position that because tile adhesives are beneath ceramic tiles, then VOC emissions are not relevant for the adhesives. There has as yet been no official response from the commission regarding this point. If they disagree (as they did for reaction to fire for the same reasons), then they may ask CEN TC67 (and therefore WG3) to amend the standard to include emissions declarations.

ISO TC 189 Meeting in Montreal:

This committee deals with Ceramic tiles, so much of the 3-day meeting focussed on aspects of the standardisation and testing relating specifically to tiles. The sustainability discussions are looking to start to deal with adhesives, and WG3 is looking at changes to the ISO 13007 and also new standards for membranes (liquid applied and sheet membranes). The full delegates report is available on BASA's new website. The committee decided to schedule a second set of WG meetings this year with a Plenary meeting in China in December. Funding may be an issue for this unbudgeted meeting, and we will try set up telephone conferencing.

The new list of **European Assessment Documents** was published in the OJEU on 9 June 2017. Further details are available on the Building Adhesives & Construction or the Sealants Working Groups areas of the website.



Chairman:
Andy
Steward



Packaging Adhesives

There has been little to no development in the subjects currently on the watch list of the packaging working group since the last BASA bulletin. There is a FEICA Food Contact Seminar entitled Safe Adhesives for Safe Food taking place on 28th September in Brussels. The Seminar will provide you with insights into:

- Sample preparation, testing and interpreting the results
- Common errors and pitfalls
- The possible limits of analytical methods

Mineral Oils: The Feica guidance on evaluating the food contact status for adhesives containing mineral oil hydrocarbons has now been published.

<http://www.feica.eu/extranet/tools-documents/industry-guidelines.aspx>

The working group has drafted a BASA specific position statement which will be published in due course. Our concern remains the lack of a validated method that accurately measures mineral oil. Further to this current analytical methods are not capable of distinguishing between MOSH, MOAH or substances not originating from mineral oil such as synthetic hydrocarbons found in adhesive nor naturally occurring hydrocarbons that are present in present in food stuffs.

Borates: A technical notice advising members about Borax and the use of Borates in Adhesives has recently been published, and is on the BASA website at www.basa.uk.org

Other: The packaging group continue to monitor migration, NIAS (non-intentionally added substances) and recycling and will keep members updated with any changes that arise.

FEICA Packaging WG: The FEICA Packaging Working Group meets on 27th September.

PWG next meeting: Our next meeting is on 26th October at Croner, Hinkley.

Active participation of our members helps strengthen BASA's impact on the adhesives industry and its relationship with FEICA. Anyone who would like to join the Packaging Working Group is asked to get in touch with Lorna Williams.

Update regarding the proposal to classify TiO₂ as a carcinogen: The European Chemical Agency's (ECHA) has given a proposal that titanium dioxide (TiO₂) should be classed as a category 2 carcinogen through inhalation under REACH Regulation. This topic has been heavily featured in previous bulletin issues and members were given an update at the June BASA Open Industry Forum in Whitchurch. The consequences of introducing a category 2 carcinogen label to mixtures containing TiO₂ are far reaching and will affect almost all sealants produced today. We continue to work with the BCF through the Alliance of Chemical Associations to make these points to the UK Government.

'Call for Action on TiO₂': Members of BASA are urged to talk to their local MPs and contacts to make them aware of the implications of the restriction should it go ahead.

Substance restrictions: There are a number of substance restrictions related to the REACH regulation that can impact sealants. In reality the information update to include endocrine-disruption properties for human health for benzyl butyl phthalate (BBP), bis (2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP) and di-isobutyl phthalate (DIBP) is not expected to impact sealants, as most manufacturers have already formulated these plasticisers out of their formulations.

Di-isocyanates: FEICA are working with the PU industry to ensure that the risk assessment options were as workable as possible considering the diverse PU applications impacted. FEICA feel that most of our sealant applications will be covered by exemptions, and the training requirements if successful should be minimal. We maintain a watching brief and will inform Sealant Manufacturers if anything changes from this position. BASA intends to survey members to get a feel for whether they are considered about possible restrictions.

BAS National and Mirror Committees

B/510/3 Materials for Concrete Roads: The current active work items for CEN TC227 have been posted to the BASA website (originally to the old website, and subsequently added to the new BASA website, so please take a look). This committee is the mirror committee to TC227 WG3 Materials for concrete roads including joint fillers and sealants. The CEN committee is more specifically aligned to sealants, and we know that having 2 separate sealants committee (CEN TC349 and CEN TC227 WG3) causes issues with different standards, sometimes for very similar products. We have had difficulty with some products being excluded from previous harmonised standards developed under CEN TC227, and we are attempting to persuade BSI to allow 2 further BASA representatives to sit in the committee to get more involved with B/510/3. Neil Taylor from Fosroc and Jeff Richards from Sika have now been accepted on the panel looking at the code of practice currently being developed, and BASA Secretary



Chairman:
Anthony
Thresh

Hodgson
SEALANTS

Sealants

Lorna Williams, as current acting Chair of B/547, sits on B/510/3 as the B/547 liaison.

B/547 – ISO TC 59 SC8 and CEN TC 349

update: CEN TC349 WG2 continues to develop a harmonised standard -hEN15434 for bonding sealants. We are moving away from the use of the word 'structural', which will now be referred to as a bonding sealant (different from a structural adhesive which is not also mechanically fixed). This distinction is important. It is still unclear how this standard will be able to replace the voluntary ETAG002, and WG2 are looking to try to introduce threshold values via a delegated act.

ISO TC 59 SC8 will meet in London in October. Although BSI host the meeting, they only meet the basic meeting cost (tea/coffee and room), so BASA is acting as the co-host for this event.

Call for sponsorship: All sealant manufacturers are being asked to offer some limited sponsorship for this ISO TC 59 SC8 meeting to be able to provide the usual lunches on the 3 days and also a dinner for the Thursday evening. For

all the previous meetings, the host country has been able to get between £300-£500 per member as a sponsorship to cover the costs, and this sponsorship will be recognised at the meetings and sponsors are invited to attend the Open Industry event and drinks reception on 11th October at BSI, Gunnersbury. The meeting comes to the UK only every 10-20 years, so this is only a modest cost and we would hate to see the UK as the only international country who was unable to cover the cost of the meeting.

Please contact Lorna if you are able to offer any sponsorship. BASA members are invited to attend the open afternoon on 11th October at BSI where we will be discussing foam sealants (or OCF, One Component Foam, as they are known as in Europe) followed by a welcome drinks reception. It would be nice to see some new faces and to have the opportunity to network with the ISO delegates.

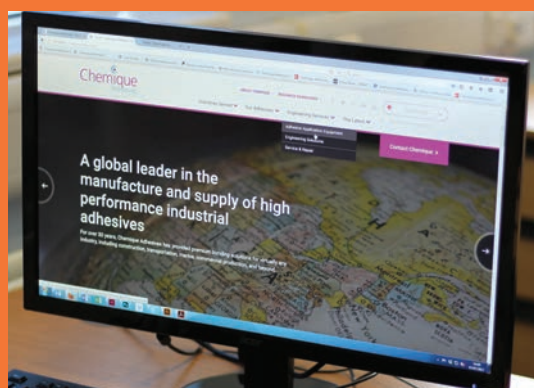
Circular Economy

This is a general subject covered under the Environment and Sustainability working group, however we are getting some specific questions about sealants and the circular economy that I thought I would mention.

BASA have been asked to make a recommendation about 40000m of mastic being removed from windows as part of a refurbishment job in Scotland. Specifically, they wanted to avoid the waste going to landfill, and this begs the question about what is the most environmentally friendly way to dispose of waste cured sealant. The BASA office concluded that probably the only realistic option is to look to energy recovery by incineration or similar, but members are asked to send in any ideas for sustainable recovery of waste material (including packaging).

SWG – Next Meeting: The Sealant Working Group will meet again on Monday October 2nd at Croner House, Hinckley.

New web sites, new branding



Chemique Adhesives has launched a new website at www.chemiqueadhesives.com. Marketing Executive Jennie Mayou said: "The innovative design and simplified navigation ensures that users receive the best experience whether on a mobile, tablet or desktop. The new enhancements will ensure a superior and informative user experience for all visitors to the site, as well as providing a better understanding of our comprehensive product range."

Innovia Solutions has continued expansion in the UK and Ireland, refreshed its brand and launched a new web site.

Director Gary Ogden said: "We believe in making it easy for our customers and principals to work with us, which is why we are very excited to launch our new website and brand."

"These really are exciting times for Innovia and our product and service offering grows almost daily. These new tools will be fundamental to delivering the best products and solutions to our customers."

Innovia
A Ravago Chemicals Company



Technical Briefing...

By Caroline Raine • BASA Consultant

Supply: GHS 7th Edition

The UN has published the seventh revision of its Globally Harmonized System of Classification and Labelling of Chemicals (GHS), known as the purple book. It is available to download from the UNECE website https://www.unece.org/trans/danger/publi/ghs/ghs_rev07/07files_e0.html#c61353 and contains changes prepared by the sub-committee of experts on GHS, which met on 10-12 July.

Revision 7:

- revised the criteria for categorisation of flammable gases within Category 1;
- made a range of changes intended to clarify the definitions of some health hazard classes;
- added guidance to extend the coverage of section 14 of the safety data sheets to all bulk cargoes transported under instruments of the International Maritime Organisation (IMO), regardless of their physical state;
- revised and rationalised precautionary statements in Annex 3; and
- added to Annex 7 a further example of how fold-out labels can be used with small packagings.

More information can be found on the UNECE website <http://www.unece.org/trans/resources/publications/transdangerpublidg-publications/2017/globally-harmonized-system-of-classification-and-labelling-of-chemicals-ghs-rev7/doc.html>

CLP ATP - 10th ATP to CLP published

In May 2017 the Commission Regulation (EU) 2017/776 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures was published and can be viewed on the Eur-Lex website http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2017.116.01.0001.01.ENG&toc=OJ:L:2017:116:TOC

The 10th adaptation to technical and scientific progress (ATP) introduces a new concept of harmonised ATEs (Acute Toxicity Estimates). The ATE values will be added to the penultimate column of Table 3.1 of Part 3 of Annex VI.

The harmonised classifications within the 10th ATP will apply from December 1st 2018, with the other parts being applied on 1st June this year, when the removal of Table 3.2 took effect. As a result of the 10th ATP the European Chemicals Agency (ECHA) has updated the harmonised classification and labelling table. The table can be accessed on ECHA's website.

Transport

Recommendations on the Transport of Dangerous Goods – Model Regulations (Rev.20)- Published: June 2017

The United Nations Recommendations on the Transport of Dangerous Goods, Model Regulations, 20th Revised edition has been published and is available in English and in French.

The twentieth revised edition contains:

- the classification of ammonium nitrate-based fertilizers
- the classification of corrosive mixtures
- the stabilization of fishmeal to prevent self-heating
- cargo transport units containing lithium batteries and used for electricity storage
- packing instruction for defective or damaged lithium batteries
- the availability of test reports for lithium batteries
- the transport of unstable substances under temperature control
- the transport of vehicles powered by flammable liquids or gases, fuel cells or batteries

More information is on the UNECE website at <http://www.unece.org/index.php?id=46066&L=0>

Introducing Caroline Raine: BASA's new Consultant for transport and dangerous goods

Caroline is a chemical legislation expert, with experience of interpreting and implementing EU legislation relating to hazardous chemical substances.

The knowledge Caroline has of legislation is wide ranging, covering both supply and transport legislation. This experience has been developed whilst working directly in the Chemical Industry and through consultancy projects. Caroline is a qualified Dangerous Goods Safety Advisor (DGSA), for the transport of hazardous goods by road and rail and is the chairman of the British Association of Dangerous Goods Professionals (BADGP) and holds a post graduate certificate in REACH management. Caroline leads the REACH and Training Consultancy teams within Chemical Risk.

Caroline joins BASA as a Consultant BASA Member and is active on the Health & Safety Working Group; she will be providing regular features in the BASA Bulletin.

The Dangerous Goods Emergency Action Code List 2017

The new list has again been produced by the NCEC, in co-operation with the UK Home Office, and is published by TSO. The EAC List 2017 is effective immediately in connection with the use of ADR/RID 2017 Edition and is mandatory from 1 July 2017 and the Emergency Action Code List 2015 should no longer be used from that date. A physical copy of the publication can be purchased here: <https://www.tsoshop.co.uk/Health-And-Safety/?DI=647623>

Or it can be downloaded free of charge from the NCEC website <https://the-ncec.com/en/resources/the-dangerous-goods-emergency-action-code-list-201>

Addendum No. 2 to the Technical Instructions

International Civil Aviation Organization (ICAO) has published the second addendum to the Technical instructions for the safe transport of dangerous goods by air 2017-2018 edition. The addendum should be incorporated into the 2017-2018 Edition of the Technical Instructions (Doc 9284) and is applicable from 1 July 2017.

The addendum can be downloaded from the ICAO website <https://www.icao.int/safety/DangerousGoods/AddendumCorrigendum%20to%20the%20Technical%20Instructions/Doc%209284-2017-2018.AddendumNo2.en.pdf>

Addendum to the 58th Edition of the IATA Dangerous Goods Regulations

Following the addendum to the ICAO Technical Instructions IATA has published the Addendum to the 58th Edition of the IATA Dangerous Goods Regulations (DGR). The provisions for the handling of portable electronic devices (PED) have been updated to provide additional risk mitigation measures for PED in checked baggage. The addendum also contains new and modified State and operators variations.

The changes are effective as of 20th June 2017.

The full document is on the IATA website <http://www.iata.org/whatwedo/cargo/dgr/Documents/dgr58-addendum1-en.pdf>

Instructions in Writing

ADR 2017 amends the Instructions in Writing to include polymerizing substances under Class 4.1, and the new Class 9A danger label for lithium batteries. The amended Instructions in Writing applied from 1st January 2017, although there was a transition period until 30th June during which the previous version could be used.

The UNECE has published English and translated versions of the Instructions in Writing on their website:

http://www.unece.org/trans/danger/publi/adr/adr_linguistic_e.html

More from Caroline is on the BASA website: www.basa.uk.com



An economic view...

Roger Martin-Fagg • Behavioural Economist • rmfagg@aol.com

Trying to make sense of the political scene and its implications for Brexit? Read on...

When forecasting up to two or three years ahead, normally one takes the Government's vision and objectives and works through the implications for consumers and businesses and their economic prospects.

As I write, there is no Government clarity, so I will begin by assessing where I think things currently stand, and make some forecasts. I do not claim to be right. I am a patriot but not a nationalist, and fully aware of confirmation bias which is that humans select only information supporting their point of view. The first May Government was committed to hard Brexit based on a narrow majority for leaving the EU. This means putting sovereignty first (getting our country back from the unelected suits in Brussels) at the expense of close economic ties.

The European Court of Justice, free movement of EU workers, the customs union and the single market would play no part in British life. The election changed this. May is substantially weakened, the new Parliament is unlikely to pass all the legislation required for a hard Brexit, even with the support of the DUP. There is now likely to be a softer Brexit but what it might look like?

The Queen's Speech contained eight key items of legislation which Parliament will vote on over the next two years.

The repeal bill will transform all 19,000 pieces of EU rules and regulations into British law. And then Parliament must legislate on customs, immigration, fisheries, nuclear safety, international sanctions, trade, and agriculture. The negotiation with the EU now under way is about the divorce agreement. Only when this is agreed can we negotiate the future.

The Labour party won 40% of the vote (the Tories 42.3%). But such is our democracy, the Tories have 317 seats and Labour 262. Many voices are calling for a softer Brexit, believing this to be the new will of the people (this is difficult to prove).

Ruth Davidson, leader to the Scottish Tories, has called for a softer Brexit. Michael Gove, the once hard leaver has joined the Cabinet and is suggesting a rethink. The DUP, who hold the balance of power in Westminster, want to keep the open border with the South.

Cabinet and the country are divided. May lacks the authority to impose discipline within the Cabinet. Boris Johnston is, as usual, an unguided missile with no grasp of the details and pro cake and eating it. Hammond wants more cake for everybody. Liam Fox wants to leave the customs union so he can do trade

deals with the rest of the World.

Many voters see both Boris Johnston and Jeremy Corbyn as authentic. In so many ways Corbyn and Johnston are similar. They are both prisoners of the past, and neither has any grasp of economics. Johnston wants to know 'what this customs union thingy is'. Corbyn thinks companies and the top 5% of income earners will fund his economic programme.

The facts are these:

- 25% of income tax receipts are paid by 0.5% of UK adults
- 50% is paid by 3% of UK adults
- 1% on income tax raises £5.5Bn
- 1% on NIC raises £4.9Bn
- 1% on VAT raises £5.2Bn.

Unfortunately, the electorate is for the most part ill-informed. Some believe there is a Government money tree, others believe the EU is an unelected behemoth which for 40 years has crushed British dynamism and its ability to sell world class products and services around the World. They appear to be unaware of the success small and medium-sized German companies are having exporting round the World from the EU. Last year Germany exported \$80Bn to China. The UK \$15Bn. Sun readers have an average reading age of eight. The Guardian of 14. The 400,000 FT readers are mostly London-based, with an average reading age of 14. The Telegraph has a million readers, their average age is 61, reading age unknown but they are always wondering where they left their glasses and why they walked into the room!

Many euro-sceptic MPs back May in the hope she will deliver a hard Brexit. They have threatened a leadership contest if she wavers. The Mail and Telegraph support their views. May has to have two scripts: one for the hardliners and one for the rest. And this makes it impossible for her to lead effectively. It is a mess but what will be the likely outcome? I am assuming a transitional deal, followed by a new customs union with the EU. A customs union is a trade bloc which creates a free trade area behind an external tariff. Within the trade bloc there are no customs duties so goods can move freely between member countries. The customs union negotiates with other blocs and countries for mutually beneficial tariff reductions. After four years of negotiations the EU is about to sign an agreement with Japan. The EU and Japan together account for 20% of Global GDP and 39% of exports.

A softer Brexit is a combination of four things. **First**, some limited curbs on free movement of labour. This already happens in the EU.

Belgium deports EU citizens who do not work and cannot support themselves. Germany is limiting EU workers in its construction industry to keep wage rates up. When workers from eastern Europe flooded into the UK in 2004 it was not Brussels who demanded it, it was the Blair Government. Brussels points out that the UK is much more lax than other members in checking residency, giving unqualified access to health care, and welfare benefits.

The first thing we should do is tighten up our procedures. Then agree some sort of emergency brake which the UK could apply if required. However, the net flow of EU workers will fall steadily over the next five years due to greater opportunities in an ever-growing EU.

Second, the UK will stay in the EU regulatory agencies. There are 34 key agencies which affect food, air travel, drugs, and the trading of bonds and shares, to name a few. These agencies play a crucial role in ensuring common standards across the customs union. It would make no sense for us to duplicate them, especially when funds are limited.

Third, the ECJ would continue to oversee and rule on trade and regulatory matters. This would be necessary to ensure the customs union worked without friction.

Fourth, the UK would agree a customs union with the EU, within their existing customs union.

So, for the electorate we leave the existing customs union, but join a new one in our own interest and on our terms. It is this which is crucial for the prosperity of the UK. The new customs union would mean Britain accepts the common external tariff, enjoys free movement of goods without new paperwork across the 26 countries, and existing supply chains would not need to be reconfigured.

Liam Fox would protest because the UK would not be allowed to negotiate free trade agreements in addition to the 56 countries already agreed for us by the EU. These agreements cover only goods and agriculture. Fox is at liberty to negotiate services free trade agreements with whomsoever he wishes. These are notoriously difficult, which is why there are few in place round the World.

The timing. We leave on March 29th, 2019, immediately we agree a transitional deal which will look like the above. This deal then becomes the new arrangement: we are not in the EU, but we are agreeing to a customs union to protect jobs and maintain growth. If the hard brexiteers in Parliament reject this, then the next PM in 2022 will be Jeremy Corbyn. It's their call.

Read more by Roger at www.basa.uk.com



Weather smiled on flagship day

This year's competitors enjoyed the return to better weather, after last year's rain and lightning, for BASA's flagship Sports Day.

A total of 55 BASA members and guests attended the Presentation dinner at the Hill Valley Hotel, Whitchurch after a successful day of shooting and golf for over 50 competitors. For the mixed shooting events in the morning (sadly missing Archery due to illness of the instructor's wife) and the afternoon Glue Gun trophy competition held at the spectacular West Midlands Shooting Ground, Hodnet, sponsored by Newport Industries Ltd, we had a great variety of winning Member companies, which is always encouraging for the participants. During the the afternoon's 18 hole

Glue Pot Trophy Pete Homfray-Cooper from Henkel Ltd had the longest drive on the 8th hole and Paul Marshall, also from Henkel Ltd, took the nearest the pin contest on hole 15.

The traditional Croquet competition sponsored by Omya UK Ltd was held on the very challenging driving range and was won by Andrew Saunders from Newport Industries Ltd; a welcome sight after many years of second places!

The day concluded with the normal presentation dinner held at the Hill Valley Hotel Whitchurch the venue for the Golf Competitions, where delegates and speakers attending the free to members Open Industry Forum Event the following day increased the numbers at the dinner.





Results in full

SHOOTING – sponsored by Newport Industries Ltd

Glue Gun Trophy

- 1st Scott Challoner from Wacker Ltd (39)
- 2nd Neil Sanders from F Ball and Company Ltd (38)
- 3rd Jenny Barnet from Building Adhesives Ltd (35)

Rim Rifle - Helena Marshall from Olin Epoxy (48/50)

Air Rifle - Steve Bunker from Rakem Ltd (46/50)

Multicalibre Rifles - David Landon from F Ball and Company Ltd (45/50)

Centre-Fire Rifle - Mike Kenyon from Synthomer Ltd and Kelvin Farrell from Cornelius Group plc (27/30)

4-Man Flush

Damien Baxendale from Rakem Ltd,
Anthony Thresh from Hodgson Sealants (Holdings) Ltd,
Sharon Hayes from BTC Chemical Distr
Ian Hulmston from Wacker Ltd.

GOLF – sponsored by IMCD UK Ltd

Glue Pot Trophy

- 1st Nick Burton from H B Fuller Ltd (38 points)
- 2nd Charles Hodgson from Hodgson Sealants (Holdings) Ltd (36 points)
- 3rd Jeff Jones from IMCD Ltd (35 points)
- 4th Steve Bunker, Rakem Ltd (34 points)
- 5th Tim Boniface from Instarmac Group plc (31 points)
- 6th Gary Thomas from Sherwin Williams (31 points)
- 7th Peter Homray-Cooper (31 points)

Texas Scramble winning score of 30.4 points

Tim Boniface from Instarmac Group plc,
Ian Kenyon from Kenyon Group Ltd
Gary Stackman from IMCD Ltd

CROQUET – sponsored by Omya UK Ltd

Andrew Saunders from Newport Industries Ltd



REACH Congress sets focus on new areas

A matter of months before the end of the existing REACH substance registration phase, ten years after the original introduction, the fourth TSGE Forum REACH Congress will focus on other aspects of the regulation such as evaluation and authorisation and other developing issues.

As usual, the Congress arrangements will provide expert views and experiences from the front line and

the opportunity for open discussion and questions. Congress opens on the afternoon of 21st November, and the TSGE Forum teams look forward to welcoming regular attendees and new delegates for another successful REACH Congress, focussed on the interests of the EU Chemicals business.

Further information can be found on the BASA website www.basa.uk.com

BASA welcomes new members



Francis Flower



Unika Colour Products Ltd



EOC (UK) Ltd



Chemox Pound Ltd
(re-joining the Association)

Caroline Raine, Consultant

Access to the new BASA website

Users of the old website should select the 'forgot password' option to receive a link to reset your password for the new site. www.basa.uk.com/Account/ForgotPassword

If you do not yet have any website access, then you can register by applying to an existing company here : www.basa.uk.com/Account/Login

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Next Bulletin submission deadline:
November 24th, 2017

Planning ahead

20 September
CHCS Training 'Introduction to European Chemical Regulation' (Module 3)
CHCS London

29 September
Post-Brexit options for UK chemicals law,
Chemical Watch, London

10 October
EU CLP (GHS) Classification for Supply - Substances (Module 17)
CHCS Manchester

10-11 October
Nordic Chemicals Summit 2017
Chemical Watch, Copenhagen

11 October
Industrial Emissions Regulations Workshop
Joint EA and CIA, The REP, Birmingham

18-19 October
Regulatory Summit USA 2017
Chemical Watch, Washington DC

26 October
Skin and chemicals – an absorbing issue
CIA, Hilton Leeds City Hotel

8 November
Advanced Preparation of SDSs (Module 15)
CHCS, London

BASA event: 9 November
OPEN INDUSTRY FORUM – FREE TO BASA MEMBERS,
Crover House, Hinckley

BASA event: 14 November
TRAINING WORKSHOP
Crover House, Hinckley

21-22 November
Reach Congress Europe
TSGE Forum, Dusseldorf

BASA event: 25 November
DINNER DANCE
Chester Grosvenor Hotel



4-7 December
Smithers Pira's Plastics & Paper in Contact with Foodstuffs conference
Berlin

4-8 December
London Petrochemicals and Polymers Training Series
ICIS, London

5 December
Risk Characterisation and the Chemical Safety Report (Module 53)
CHCS, London

6 December
The Extended SDS - Understanding Exposure Scenarios (Module 20)
CHCS, London, United Kingdom

7 December
Adhesives and Sealants in Manufacturing
SAA, London

11-13 December
2012 GHS/CLP Intensive Training Course
Chemical Watch, Vienna

13 December
Chemical Compliance & Risks Management Seminar
Reachlaw Ltd, Barcelona

Do pressure-sensitive labels feel the squeeze?

With Labelexpo Europe just around the corner, it is interesting to take a look at AWA Alexander Watson Associates' new market analysis, AWA Global Pressure-sensitive Label Market Study 2017. The fourth edition of this examination of established labeling technology says that, while the format indeed faces competition from other labelling and packaging options, in 2016 it still achieved growth of 3.9% over the year before – greater growth than that of the label market as a whole – and still commands 40% of the market. Asia is now the leading region for pressure-sensitive label demand, eclipsing Europe and North America; and the format's largest end-use market segment, globally, taking 27% of 2016 volumes, is food labelling – mostly for primary product labels. AWA President and CEO, Corey M Reardon, says: "Variable information print labels are a strong growth area for pressure-sensitive labels, in line with increasing requirements of today's transport and logistics activities, in terms not only of track-and-trace and stock and inventory management, but also for product authentication." Further information: www.awa-bv.com

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