



**BAMA**  
BRITISH AEROSOL MANUFACTURERS' ASSOCIATION

# Annual Report and Accounts

**2017-2018**

*BAMA – working together for a **sustainable** aerosol industry*



# Position as of 1 August 2018

## **BAMA STAFF**

Mr Patrick Heskins, Chief Executive and Company Secretary

Dr Paul Jackson, Technical Director

Miss Sally Smith, Office Manager

## **OFFICERS AND DIRECTORS OF THE COMPANY**

Mr Sebastian Alvarez, Unilever UK (Chair)

Mr Tony Brealey, Reabrook Ltd (Vice Chair)

Mr Andy Gibbs, Church & Dwight UK Ltd (Honorary Treasurer)

## **DIRECTORS**

Mr Murdoch Crawford, Plastipak Packaging

Mr Norman Clark, RB

Mr Tim Coneybeare, Crown Aerosols

Dr Alina Darragh, WD40 Company

Mr Rick Hewitt, Barony Universal Products

Mr Nigel Jackson, SprayAid

Dr Gillian Marsh, Procter & Gamble UK

Mr Adrian McCretton, Swallowfield Plc

Mr James Smith, Summit Europe cv

## **CO-OPTED MEMBERS**

Mr Grant Coupland, Colep UK Ltd

Mr Ian Davies, Provensis Ltd

Mr John Gordon, Reabrook Ltd

Mr Dennis Jones, BOC Speciality Gases

## **SECRETARY**

Mr Patrick Heskins

## **REGISTERED OFFICE**

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A company Limited by Guarantee Registered at Cardiff, No. 01763228

## **COMPANY SOLICITORS**

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## **REPORTING ACCOUNTANTS**

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## **COMPANY AUDITORS**

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# Annual Report 2017-2018 and Accounts 2017

**For the year ended 31 December 2017 presented at the  
Annual General Meeting**

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## Chair's Report

**Sebastian Alvarez**  
Chair of BAMA

I am pleased to report that BAMA had another great year, with filling volume reaching a record level.

Guided by the BAMA 2020 strategy, the Board of Directors met four times over the last year. I want to take the opportunity to warmly welcome James Smith, Alina Darragh, Tim Conybeare and Leigh Jones, as new members of the Board of Directors. My personal thanks go to Leigh Jones who, unfortunately, had to step down as a member of the board not long after joining due to a change of company. True to its mission statement "BAMA – working together for a sustainable aerosol industry", the directors and staff led many initiatives to help strengthen the future of the industry.

The Association continues to have a strong membership base. Over the last 12 months we have seen, once again, an increase in the total number of members. The Aerosol Discussion Evenings remain a very effective way to keep connected with current and potential new members. These events, have been successfully held in London and Manchester with the final Discussion Evening of 2018 taking place in Birmingham in November.

I would like to extend a warm welcome to the Association's new members; Massily (UK) Ltd, Beiersdorf, Pontika Aerotech, Leigh Jones Associates and Pritchard Spray Technology. We look forward to having them all as members for a long time in to the future and welcome their involvement at all levels in the Association.

In line with the mandate from the previous year to strengthen the governance of the association, a review of the Memorandum and Articles of Association was approved at the last Annual General Meeting. The update was needed to bring them in line with the most recent legislation. As well as good governance, BAMA remains financially strong with a healthy income stream and reserves.

*"The directors and staff led many initiatives to help strengthen the future of the industry."*





In December, we saw Amy Falvey moving on to take new challenges outside BAMA and I want to sincerely thank her for all her contributions to BAMA over the last years. While the recruitment process for a new member of staff is on-going, the secretariat re-doubled its efforts to continue delivering an outstanding service to the membership. On behalf of the Board of Directors, I want to thank Patrick, Paul and Sally for all their hard work and dedication during the last 12 months.

Finally, having served as Chairman of BAMA for over two years, I will soon be handing over my responsibilities to a new member of the Board and this is likely to be my last annual report. It has been an immense pleasure and a privilege to lead the Board over this period. I want to thank the directors and the secretariat for all their support and for their help to make this an unforgettable lifetime experience.

I will remain part of the aerosol community, so I will be able to continue witnessing BAMA leading the way into a very exciting future.

***“BAMA had another great year, with filling volume reaching a record level.”***



## Chief Executive Report

**Patrick Heskins**  
Chief Executive of BAMA

It's always a pleasure to start my report with some good news and I am very pleased to be able to do just that as 2017 proved to be a record year for the UK aerosol industry with more than 1.56 billion aerosol cans filled in the UK.

This is an increase of 4% on 2016 and surpasses the previous record achieved in 2015. The personal care sector has continued to perform strongly, accounting for the largest volume of products – 13 million more anti-perspirants were filled than in the previous year, equating to 3% growth. Meanwhile, air fresheners saw a 20% rise on the previous year and the number of polish and dusting aids filled increased by 15%.

My congratulations to all those involved throughout the supply chain, I know from personal experience the challenges manufacturers face on a daily basis to 'get the product out of the door'. It is testimony to the hard work and commitment of all involved, in the face of some significant market challenges and an uncertain political landscape, that we have reached a new record, affirming the importance of the aerosol sector in UK manufacturing.

BAMA membership has also grown, with new members representing an increasingly diverse range of businesses throughout the value chain. This brings many benefits for the association and members alike, with a correspondingly diverse knowledge base, fresh thinking and new opinions brought to our committees, helping to challenge the status quo.

In other positive news the European Commission completed their evaluation of the Aerosol Dispenser Directive and has decided that it is fit for purpose from both a consumer safety perspective and in relation to creating a single market for aerosols throughout the EU. This will allow UK fillers to continue supplying to their biggest export market without any significant changes to products or processes for the foreseeable future.

***“2017 proved to be a record year for the UK aerosol industry with more than 1.56 billion aerosol cans filled in the UK.”***



***“The Association is strengthening relationships both in the UK and with sister bodies overseas.”***

We continue to work with FEA on the Amendment to Technical Progress for plastic aerosols. This work has been going on for some time now, which I know has caused some frustration. But, I also know that industry wants to maintain the positive safety record we have and the introduction of a relatively new technology for the container, compared to that which the industry has used so effectively for so many years, needs to be implemented appropriately.

I mentioned early on in this piece the single market, which dovetails quite neatly with Brexit. As I also mentioned, the EU is the largest export market for the UK aerosol industry and we continue to champion your cause with UK government. We have regular meetings with, in particular, the Department for Business, Energy and Industrial Strategy (BEIS) as they continue to ask industry what it needs from the Brexit negotiations but, of course there are two sides to the discussions and what the UK might want is not, perhaps, what the EU will be prepared to give.

Meanwhile, the Association is strengthening relationships both in the UK and with sister bodies overseas. A reciprocal agreement was signed with the Aerosol Association for Australia and BAMA has partnered with organisations such as EEF, where real synergy exists to support individual businesses and help the wider industry to achieve sustainable growth through innovation, best practice and production of the highest quality goods.

Such links help associations share information which can be passed on to industry in turn, and co-operate on a range of initiatives including sustainability. These relationships are also set to prove invaluable in helping industry manage the challenges of a more demanding and complex regulatory landscape.

Here at BAMA, we will continue to hope for the best but plan for the worst so expect to see more communication from us as further details on tariffs, customs controls, country of origin rules and a whole variety of other issues will, hopefully, become clearer as Brexit day approaches.



**“2017 also saw BAMA hold its most successful Annual Forum and Awards Dinner.”**

BAMA remains committed to keeping members informed – *Aerosol Focus* has been relaunched and I would like to encourage you to contact us if you would like to contribute. And through our committees, other newsletters such as the BAMA Briefing, social media and specific communication on matters of significant importance we will look to keep all members updated not just on Brexit but other significant industry issues and changes in regulations.

Should you want to join a committee, contribute to one of our publications or work in partnership on a feature for inclusion in the trade media such as those we have secured in the last year in titles like *Packaging News*, *Speciality Chemicals Magazine* and *Cosmetics Business*, please do contact us here at the BAMA office.

2017 also saw BAMA hold its most successful Annual Forum and Awards Dinner. Highlighting many of the sectors success stories from the year, the event saw a significant rise in numbers attending from 2016 and remains a valued opportunity for members and guests to network, share best practice, and recognise innovation across the industry.

This is an appropriate point to mention our Membership and Communications Manager, Amy Falvey, who left the Association at the end of 2017. Events such as this wouldn't have been the success that they were without the tireless effort Amy put in to the organisation and running of them. We wish her every success in her new role and I would like to thank her personally for the help she gave me when I joined BAMA and during the time we worked together. I should also thank her for the time and effort put into communication via social media and retaining and recruiting members to the Association.

Whilst we look to replace Amy, Paul, Sally and I have stepped up to cover the work she did. Sally took over the organisation and running of Innovation Day 2018 which saw 16 speakers from across the UK, Czech Republic and Germany joining BAMA members and guests to share the latest research findings and discuss industry trends from their own unique viewpoints.





*“BAMA needs a strong secretariat to help our members get the most from the Association and we aim to improve what we do year on year.”*

Fourteen presentations across the day examined a diverse range of subjects from consumer responses to differing packaging formats, to improving aerosol leak detection, protecting against corrosion and how the use of smart packaging will contribute to sustainable growth of the industry. More than 120 delegates attended and, as always, I need to thank both Paul and Sally for their help not just with events such as this but for their support throughout the year.

BAMA needs a strong secretariat to help our members get the most from the Association and we aim to improve what we do year on year.

There were also changes amongst the officers of the Association and on the Board. At the time of writing, Sebastian Alvarez (Unilever) is currently Chair of the Association but he will be stepping down this summer. Tony Brealey (Reabrook), who is currently vice-chair, will be moving up to replace Sebastian and I look forward working with him and with whoever steps up from the Board to take the vice-chair position. I would like to thank Sebastian for the help and guidance he has given to me personally, for all of the work he has done in helping to keep BAMA moving forwards and for setting the priorities for the Association, in particular through the 2020 Strategy, to get us ready for the challenges which lie ahead. Andy Mortimer (Fillcare) also stood down as Honorary Treasurer. I would like to thank Andy for the time and effort he put in to the role and to welcome Andy Gibbs of Church and Dwight who very kindly offered to replace him in this important role for BAMA.

2018/19 promises a similar mix of positive events and challenging moments. The secretariat here at BAMA is grateful for all of the support we receive from the membership and we look forward to working even more closely with you all in the coming year.



## FEA Report

**Alain D'haese**

Secretary General of the FEA (European Aerosol Federation)

Throughout 2017/18, the FEA and its network were involved in the following key topics:

FEA, its National Associations and companies positively contributed to the evaluation of the Aerosol Dispensers Directive (ADD) 75/324/EEC, speaking with one voice. In October 2017, the EC ADD Working Group, made up of the commission services, member states and stakeholders did not find sufficient reason to initiate a full revision of the ADD and agreed to keep its policy approach unchanged. However, the European Commission still needs to formally release its conclusions on the ADD evaluation.

The ADD adaptation to increase the allowed maximum internal pressure at 50°C to 15 bar for aerosols using compressed gas propellants (Commission Directive (EU) 2016/2037) entered into force on 12 February 2018. This opens the door to a wide variety of technical innovations and potential new product developments.

The main outstanding issue is the pending FEA request to allow an increase of the maximum total capacity for plastic aerosol dispensers, based on a stricter testing regime. FEA developed a brief summary to support its national associations when advocating the Federation's position, updated its legislative proposal to facilitate adoption of the FEA proposal, and is working with Petcore Europe to secure the safe recycling of plastic aerosols.

In October 2017, the EC ADD Working Group supported starting the legislative process to propose an Adaptation to Technical Progress (ATP) for an increase of the maximum total capacity of plastic aerosol dispensers with appropriate testing requirements to be added in the Annex of the ADD. However, the limited resources in DG GROW (Unit C/3 – Advanced Engineering and Manufacturing Systems) do not help the speedy flow of the administration process.

*“This opens the door to a wide variety of technical innovations and potential new product developments.”*



Concerning the health classification of aerosol dispensers under the CLP Regulation, FEA took a position against Q&A 1456 adopted by ECHA, which recommends excluding the propellant when using the conventional calculation method for the identification of health and environmental hazards. This issue will be discussed at the UN sub-committee of experts on the GHS.

Following the work to include definition and classification criteria for Chemicals Under Pressure under the UN GHS, FEA supported Canada in editing the current text on aerosols under chapter 2.3 of the UN GHS. When adopted the new provisions will not change the existing requirements.

FEA updated its Guide on Hot Water Bath Testing and its Alternatives to explain what  $\text{mbar l s}^{-1}$  (or  $\text{Pa m}^3 \text{s}^{-1}$ ) means as it is a commonly recognised expression of a leak rate.

The International Liaison Committee (ILC) selected two FEA standards to start working on harmonisation:

- Measurement of discharge rate (FEA 603)
- Measurement of the internal pressure (FEA 604)

The revised Framework Waste Directive and Packaging & Packaging Waste Directive under the Circular Economy Package were adopted:

- Member States will have to meet the following targets as they increase the reuse and recycling of municipal waste to 55% by 2025.
- Member States will set up, by 1 January 2025, separate collections of hazardous waste from households.
- The legislation defines specific recycling targets for packaging: 50% for plastic, 70% for ferrous metal and 50% for aluminium by 2025.

No doubt the costs related to the Extended Producer Responsibility will increase.



*“I would like to take this opportunity to invite you to the FEA Global Aerosol Events 2018 on 4-5 October 2018 in Düsseldorf, Germany.”*

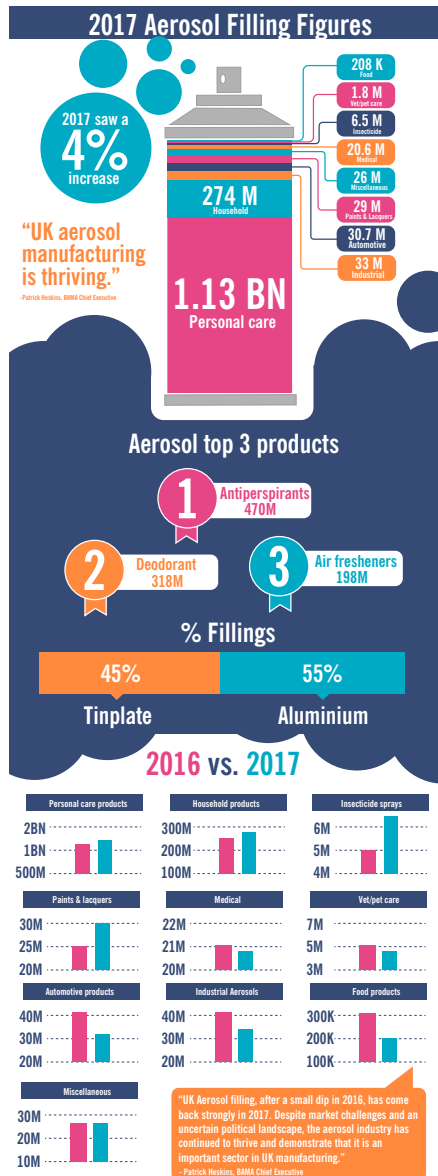
I would like to take this opportunity to invite you to the FEA Global Aerosol Events 2018 on 4-5 October 2018 in Düsseldorf, Germany. More information can be found at: <http://www.feaglobalevents.org/>

I would also like to congratulate the BAMA delegates who were elected at the FEA Expert Committee meeting in September 2017:

- Sebastian ALVAREZ, VOC WG, Chairman
- Patrick HESKINS, Aerosol Ingredients WG, Chairman
- Paul JACKSON, Aerosol Sustainability WG and Health Classification TF, Chairman
- Adrian McCRETTON, Expert Committee, Deputy Chairman
- Nicolas TISSIE, Standardisation WG, vice-Chairman
- Peter WATMOUGH, Waterbath Test Alternatives TF, vice-Chairman

Finally, I would like to thank all BAMA delegates involved in FEA groups, the BAMA Secretariat for their constructive and valuable collaboration, and finally the company members for their continuing support of BAMA and of FEA.





## A record year for aerosol manufacturers

More aerosols were manufactured in the UK last year than ever before. The statistics announced by BAMA revealed a record 1.562 billion cans were filled in 2017.

The personal care sector accounted for the largest volume of products (1.13 billion aerosols filled). Anti-perspirants were the biggest seller in this sector and across the industry overall with BAMA data showing that 470 million anti-perspirants were manufactured in 2017 – 13 million more than the previous year, representing 4% growth.

Patrick Heskins, BAMA chief executive, said: "This year's filling figures are welcome news and proof that UK aerosol manufacturing is thriving. We believe the record numbers are thanks to a combination of organic growth across the aerosol industry and filling activity being moved from mainland Europe to the UK."

The annual statistics also show that the haircare sector had the largest growth over the past 12 months with 31% more products filled in 2017 than in 2016 – 150.5 million and 114.8 million respectively. These products include dry shampoo, mousse and hairsprays. Shaving products continued to sell well (171.7 million products filled) as did perfumes and colognes which grew by 15% to 8.3 million products filled.

Patrick added: "Aerosols continue to provide a convenient solution for billions of consumers' daily routines. Personal care items underpin the industry's consumer focus with the trend for powder-based anti-perspirants continuing in favour of body sprays and deodorants which do not contain powder actives. We expect this trend will continue to rise over the coming years."

Air fresheners represented almost 75% of the household product filling sector with 198 million products filled – a 20% rise on the previous year. BAMA credits the growth as attributable to the launch of new dry product ranges across

Europe, helping to boost air freshener sales and in turn, filling figures. The number of polish and dusting aids filled has also increased by 15% to 20.7 million.

Made primarily with high grade metal and recognised as widely recyclable, aerosols help to avoid product damage and degradation as well as waste, dispensing the right quantities in the right place, accurately with no mess.

Aluminium continued to be the packaging material of choice for most products, with 848.9 million products filled. This was however a 2% drop on the previous year. As such, tinsplate filling grew by 8% to 705.3 million. The split between aluminium and tinsplate was 55% and 45% respectively.

Patrick added: "UK Aerosol filling, after a small dip in 2016, has come back strongly in 2017. Despite market challenges and an uncertain political landscape, the aerosol industry has continued to thrive and demonstrate that it is an important sector in UK manufacturing."

### AEROSOL FILLING FIGURES 2007-2017

| Category                 | 2007          | 2008          | 2009          | 2010          | 2011          | 2012          | 2013          | 2014          | 2015          | 2016          | 2017          | 16/17%    |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------|
| Insecticides             | 8.6           | 13.3          | 13.3          | 12.9          | 10.3          | 9.9           | 4.2           | 6.2           | 11.2          | 4.9           | 6.6           | 33%       |
| Paints/lacquers          | 13.6          | 13.5          | 13.5          | 14            | 14            | 15.1          | 14.4          | 13.9          | 26.3          | 24.9          | 29.1          | 17%       |
| Air fresheners           | 135.5         | 132.9         | 132.9         | 154.4         | 182.4         | 172           | 188.8         | 184.7         | 179.8         | 170.6         | 198.1         | 20%       |
| Waxes/polishes           | 32.8          | 26            | 26            | 29            | 30.1          | 28.7          | 25.1          | 22.4          | 22.8          | 18            | 20.8          | 15%       |
| Oven cleaners            | 1.5           | 0.9           | 0.9           | 0.4           | 0.4           | 0.9           | 1.1           | 1.1           | 2.7           | 0.6           | 0.3           | -52%      |
| Starches                 | 5.3           | 4.6           | 4.6           | 3.5           | 4.7           | 5.5           | 5.3           | 3.2           | 3.9           | 3.6           | 2.5           | -29%      |
| Other household          | 54            | 54.5          | 54.5          | 73.2          | 77.3          | 78.1          | 76.5          | 77.3          | 40.2          | 40.8          | 39.6          | -3%       |
| Hairsprays products      | 78.4          | 68.9          | 68.9          | 81.7          | 89.8          | 90.8          | 89.2          | 97.8          | 112.8         | 114.8         | 150.6         | 31%       |
| Deos/body spray/APS      | 603.2         | 582.4         | 582.4         | 593           | 647.6         | 708.9         | 705           | 754.8         | 790           | 779.4         | 789.7         | 4%        |
| Shaving products         | 211.7         | 225.4         | 225.4         | 197.8         | 199.6         | 196.2         | 201.5         | 190.9         | 170.1         | 172.2         | 171.7         | 0%        |
| Colognes/perfumes        | 9.9           | 3.9           | 3.9           | 5.1           | 10            | 17.4          | 10.7          | 9             | 8.1           | 7.2           | 8.3           | 15%       |
| Suntan/bronzing products | 0.9           | 1.1           | 1.1           | 0.7           | 1.7           | 2             | 2.2           | 2.5           | 4.2           | 5.6           | 2.8           | -49%      |
| Other personal           | 20.6          | 15.2          | 15.2          | 18.8          | 24            | 12.5          | 11.6          | 14.9          | 23            | 24.9          | 15.5          | -38%      |
| Automotive               | 28.4          | 33.3          | 33.3          | 41.5          | 42.3          | 32.4          | 34.6          | 32.8          | 45.5          | 40.5          | 30.7          | -24%      |
| Shoe/leather cleaners    | 1.3           | 1.2           | 1.2           | 1.8           | 2.1           | 1.6           | 1.6           | 3.8           | 3.4           | 2.9           | 1.1           | -61%      |
| Hard surface cleaners    | 1             | 0.6           | 0.6           | 3.4           | 8.5           | 13.1          | 16.1          | 13.3          | 13.5          | 11.5          | 12.1          | 5%        |
| Veterinary/pet care      | 2.3           | 2.1           | 2.1           | 2.5           | 2.6           | 2.8           | 2.6           | 3             | 4.9           | 5             | 1.8           | -64%      |
| Medical (exc. inhalers)  | 11.6          | 25.3          | 25.3          | 14            | 21.1          | 22.8          | 21            | 20.1          | 19.6          | 21.8          | 20.7          | -5%       |
| Industrial               | 19.3          | 19.7          | 19.7          | 15.3          | 13.5          | 20.2          | 34.4          | 38.4          | 35.3          | 41            | 33.6          | -18%      |
| Misc.                    | 31            | 15.9          | 15.9          | 12            | 12.3          | 33.8          | 20.6          | 19.6          | 22.6          | 27            | 27            | 0%        |
| <b>TOTAL</b>             | <b>1270.8</b> | <b>1240.7</b> | <b>1240.7</b> | <b>1274.8</b> | <b>1394.4</b> | <b>1464.7</b> | <b>1466.5</b> | <b>1509.7</b> | <b>1539.8</b> | <b>1505.4</b> | <b>1562.6</b> | <b>4%</b> |

# BAMA Award Winners 2018

## New Aerosol Of The Year – winner

Swallowfield plc & PZ Cussons for their Sanctuary Spa Shower Burst. Swallowfield's Sanctuary Spa shower gel was praised for its superior functionality, subtle design and innovative colour matching between the gel and the can decoration.

The judges commented:

- We love the coloured gel dispensed from the can as it represents to colour of the can
- Feels thick for moisturising your body in the shower
- Easy to use and easily dispenses
- The sleeve on the can is excellent – great design and very subtle



## New Aerosol Of The Year – runner up

Church & Dwight UK for their 50ml sleeved aluminium Batiste Marrakech Dry Shampoo. For its efforts to simplify the supply chain, Church & Dwight was recognised by the judges for its Batiste Dry Shampoo product which featured an innovative sleeve design and offered an exotic, refreshing fragrance.

The judges commented:

- This aerosol product has been produced via good supply chain reduction for getting to market
- Sleeve design clever on the 50ml can
- The Marrakech fragrance smells exotic and refreshing
- Attractive design within their Batiste range – great for consumer attention



## New Aerosol Of The Year – highly commended

Airpure® was highly commended by the judges, its Press Fresh air freshener product showcasing innovative design, consumer focus and superior functionality.

The judges commented:

- This product deserves to be recognised as it stands out from the crowd



### Aerosol Packaging Award – winner



Ball Corporation for their Tactile Can. Ball Aerocan's innovative design and distinctive, tactile print finish which provides a point of difference to other aerosols, was recognised as the winning entry.

The judges commented:

- They were impressed with the print finish and Ball's ability to protect it through the manufacturing process
- The tactile finish is very clever
- The tactile design is attractive on the eye and provides consumers with a different feel to other aerosol cans

### Aerosol Packaging Award – runner up

Commending Airpure® on its dry spray Air Freshener 'Press Fresh', the judges recognised Airpure's innovative 'stick on the wall' functionality and informative design which states how many doses the aerosol can dispense.



The judges commented:

- They liked that the product wasn't a wet spray
- The 'stick on wall' element' was a great way to remind the consumer to purchase the product again
- It was good to see that the can states how many doses it dispenses

### Sustainability Award – winner



Unilever UK in conjunction with Moravia Cans for their DWI Aluminium Can. This entry, highlighting a 20% lighter aluminium can within its Dove range, offering 20% more cans per pallet and 20% fewer truck and pallet movements, was recognised as the winning Sustainability entry.

The judges commented:

- They were amazed that the can is 20% lighter, 20% more cans can be added per pallet and 20% fewer truck and pallet movements

### Sustainability Award – runner up

Wear Valley Aerosols for their 'Heat Exchanger Project'. Wear Valley Aerosols was commended by judges for the carbon reduction and water savings offered by its innovative sustainability project.



The judges commented:

- Captures elements of carbon reduction and water saving
- Expenditure on water and sewerage has decreased by 20% against a national average increase of 1.5% (source: Water UK)
- Carbon footprint of the business operation has decreased by 10%



### Process Safety and Training Award – winner

Swallowfield plc for their Safety Targeting Programme. Swallowfield's work to improve safety culture and the implementation of its hazard spotting exercise was recognised as the winning entry in the 2017 Process Safety and Training award.



The judges commented:

- Like it – looks like Swallowfield is trying to make a safety culture change
- The hazard spotting exercise is excellent
- Creating a task is a good way to show trainees are paying attention in safety

### Process Safety and Training Award – runner up

Alloway UK for their Low Line Speed Microleak Detection System. Alloway's new leak detection system was recognised as being an attractive and affordable proposition for many smaller businesses and will assist in raising general safety standards.



The judges commented:

- Assists in raising the standards
- Low cost is attractive to smaller companies to incorporate this system



### Special Recognition Award

Tom Gilmour, Aerosol Chemist at Precision Valve UK, was also recognised by BAMA for his outstanding contribution to the aerosol industry and presented with the Special Achievement Award 2017.



# BAMA Issues Management: Committee Reports

Commercial and Planning

Environment and Sustainability

Operational Safety

Packaging and Contents

Volatile Substance Abuse

Committee Members



## Commercial and Planning Committee

**Tony Brealey of Reabrook Ltd**

Chair of the Commercial and Planning Committee

*“I have enjoyed working with members of the Board on several important projects and initiatives and thank them.”*

This is my final year as Chair of this committee, before stepping up to the role of Chair of the Association, and I have enjoyed working with members of the Board on several important projects and initiatives and thank them for their attendance and support.

The committee met four times during the year. The focus was supporting the 2020 strategy, to make sure we have a sustainable industry. To aid this we are developing a business plan that will work alongside The Strategy. The business plan will focus on membership retention and looking at ways to grow the membership to more than 100, as well as reviewing the training and services BAMA offers. A five-year budget will be produced and risks and threats will be considered, although until the final negotiations for BREXIT are complete it will be difficult to see what additional work BAMA will need to do to support member companies.

CBI membership was not renewed and, instead, BAMA took out membership with EEF (The Manufacturers Association) which is a better fit for the Association and also resulted in cost saving for a similar level of service.

We agreed to the purchase of better video conferencing equipment which will allow committee members and working group representatives to be involved in meetings without travelling. In fact, all four of the C&P meetings were held by video conference.

The committee has been working on a code of conduct for members which we hope to be able to present to the membership at the AGM.

### Marketing and communications

A twelve-month PR plan was agreed with Pelican which promotes the activities of the aerosol industry and BAMA events. Pelican have proven to be a positive appointment as PR partners for BAMA and with the recent staff reorganisation have stepped up to support us more, particularly with our social media work. Our social media presence continues to grow, BAMA publications have been well received during the year and the opportunity for members to promote their services will be offered in *Aerosol Focus*. Sponsorship for BAMA events is being considered to help supplement income and encourage greater engagement from member companies.

### Industry training

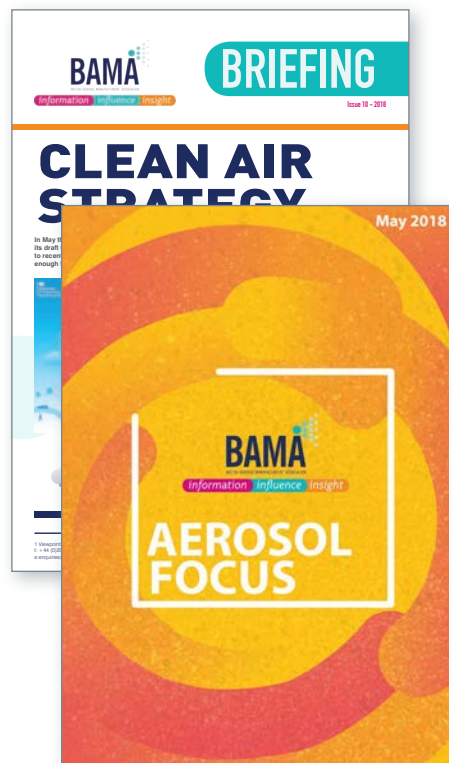
The training courses and in company training have proven to be very successful, showing improved attendance and revenue. These courses are now CPD certified which adds an additional benefit for those members who attend. The Innovation Day and Aerosol Discussion Evenings have been well attended and positively received. The Annual Forum drew a record attendance with the new venue at Oulton Hall in Leeds proving very popular.

### Association costs

Fees in 2016 were reduced by 5% and 2017 saw fees remain at 2016 levels. The overall accounts show a deficit of £34,418 but this was in line with expectations due to support for a number of projects managed by the other committees and higher levels of promotional activity. Training fees were increased over prior years despite lowering the cost of the Introduction to Aerosol Technology course. Additional income came from in-company training courses. Reserves remain in line with our target of having one year's expenses in reserve.

Finally, I would like to thank the Secretariat – Patrick, Paul and Sally and also Amy, who left BAMA during the year.

*“BAMA publications have been well received during the year and the opportunity for members to promote their services will be offered in Aerosol Focus.”*





## Environment and Sustainability Committee

**Ian Davies, of Provensis Ltd**

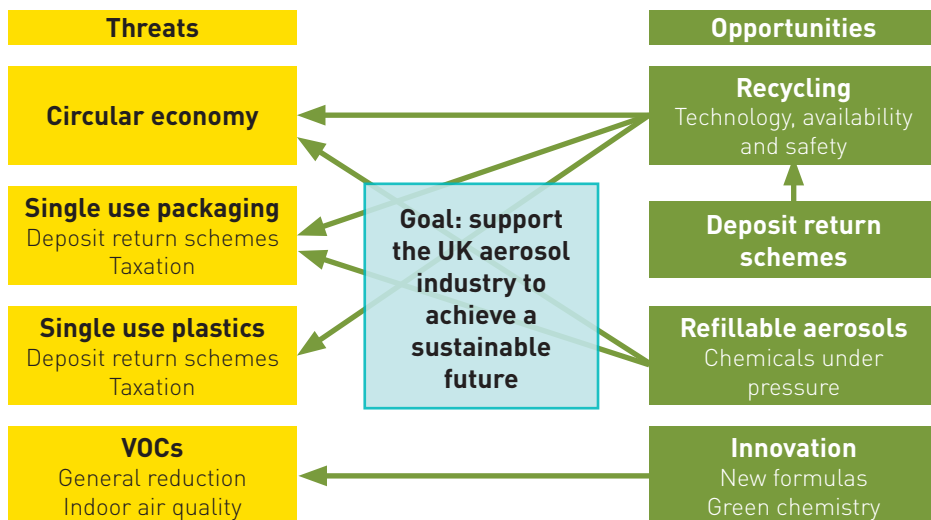
Chair of the Environment and Sustainability Committee

*“Although metal aerosols can be recycled, the package is essentially still a ‘use and throw away’ item.”*

This year has been an interesting and challenging year for the Environment and Sustainability Committee (E&SC) with a number of issues arising. Two of the most significant of these were, the UK Chief Medical Officer's comments on Volatile Organic Carbons (VOCs) and indoor air quality, and the plastics debate. Before I go into more detail however, I would like to thank all committee members for their input and support throughout the year and in particular, Jo Jackson (Colep) who stood down as Chair of the Committee this year. As we see it, the remit of E&SC is to support the industry for the future, hence why sustainability is in the name of the Committee; we cannot achieve this remit without the support and background work of its members.

The Committee has continued to meet formally every quarter this year but challenges have arisen between meetings that necessitated discussions via emails or subgroups between meetings for example, how best do we support research into recycling plastic aerosols? I will discuss individual topics later, before that I would like to draw your attention to Figure 1 on the next page where I have represented the interrelationships between the topics the Committee discusses.

**Figure 1: E&SC focus**



*“The E&SC sees promoting plastic aerosol recycling as an essential activity.”*

As you will see from Figure 1, the future of our industry depends on becoming sustainable. Over the past couple of years the EU has produced a number of strategy documents on how the community needs to move to a circular economy. The E&SC has made a number of contributions to this debate over the years and has supported the FEA Sustainable Aerosol initiative. There are also initiatives by individual companies to address sustainability, but as a Committee we must deal with the existential threat to the industry. Although metal aerosols can be recycled, the package is essentially still a ‘use and throw away’ item.

The issue of plastic aerosols cuts across many of the topics that the E&SC discusses. Although the adoption in the UK market has been relatively slow, the E&SC regards safe use and recycling of plastic aerosols as a central issue. The E&SC has supported a research project evaluating the safety and technology surrounding recycling of plastic aerosols, the results of which are expected within the next two years. The E&SC sees promoting plastic aerosol recycling as an essential activity and we need to have the same success with plastic

***“The E&SC put together a workshop in July to consider the potential threats of deposit return schemes.”***

aerosols as we have with recycling of metal aerosols. To that end, the E&SC has continued to support the Metal Matters campaign which has expanded with a number of local launches actively supported by BAMA members and the BAMA secretariat.

Which brings us to a possible threat or opportunity to our recycling initiatives, namely deposit return schemes. The Scottish Government is already implementing for bottles and cans, and their counterparts in Westminster are actively considering similar proposals. This is an issue for the aerosol industry because the diversion of beverage containers will mean that the concentration of aerosols in the waste stream will inevitably increase. BAMA commissioned research a number of years ago to prove the safety of aerosols within the normal domestic waste recycling streams. As a result of our discussions the E&SC put together a workshop in July to consider the potential threats of deposit return schemes and take a view on how BAMA should react to protect the industry.

The E&SC has also reviewed and commented on several government and EU papers regarding proposals to possibly tax or ban, both single use plastics and single use packaging. These topics are in part driven by the circular economy debate, but also by the recent media coverage of marine plastic pollution. These topics will continue to be monitored closely as the effect on the industry will be significant. The E&SC will continue to promote and actively look for innovative ways to overcome these issues.

During the year, the E&SC deliberated on the topic of refillable aerosols and the UN proposal to have a new hazard category titled ‘Chemicals under Pressure’. Both of these topics (as does recycling), straddle the remit of both the E&SC and the Industrial Safety Committee. Refillable aerosols can already be purchased on the internet and are entering the UK market. The regulatory



***“The future of the industry depends on us embracing and successfully overcoming our sustainability challenges.”***

regimes for both of these categories are ill-defined at the moment which again poses both a risk and opportunity. In the opinion of E&SC, as an industry we should actively engage with these formats to:

A: Ensure they are as safe and as well-regulated as current aerosol products.

B: Embrace them as potential solutions to our sustainability challenges.

Finally, I would like to turn my attention to VOCs. This topic hit the headlines in March (although it has been an active discussion item within the E&SC for some time) with the Chief Medical Officer's report. The report covered a wide variety of issues associated with pollution and public health. Notably, there was a chapter devoted to indoor air quality citing VOCs, dust particles and microplastics, from products used indoors, as issues. It could be argued that our products contribute to all of the categories of concern. The E&SC has supported initiatives to gather data concerning emissions and health effects, however support from member companies is vital to maintain accurate and up-to-date data. VOCs are expected to be an important ongoing focus in future.

In summary the members of the E&SC look forward to making significant contributions to the future of the industry because the future of the industry depends on us embracing and successfully overcoming our sustainability challenges.







## Operational Safety Committee

### **John Gordon of Reabrook Ltd**

Chair of the Operational Safety Committee

My first twelve months as Chairman has flown by, with this Committee meeting four times since the last BAMA Annual Report. Helping BAMA to continually improve operational safety throughout the industry proves challenging but exciting, particularly keeping abreast of the changes to legislation and technology that inevitably take place.

I would like to thank members for their continued support at Committee meetings. May I take this opportunity to thank Peter Marriott (Colep UK), who retired from the Committee this year and whose contributions will be missed.

### **The BAMA standard**

Although large parts of The BAMA Standard were reviewed and updated last year, the Committee agreed to check that it is still relevant or if it needs updating to reflect current industry practice. This had commenced with gas house guidance and Safety Integrity Levels (SIL).

### **Waste management**

Initial proposals in the revised EU Framework Directive that household waste would be collected separately from other recyclable materials was reversed with the help of FEA, thus preventing potential problems of concentrated aerosol waste/leaks.

The Committee recommended that BAMA join the 'PETcore Special Interest Group (SIG)' looking at recycling plastic aerosols. Any guidance on recycling plastic aerosols needs to be viewed generically by the consumer as including metal aerosols. Thus, BAMA membership will provide the benefit of having access to the well-established metal aerosol recycling experience.



***“The Committee recommended that BAMA join the ‘PETcore Special Interest Group (SIG)’ looking at recycling plastic aerosols.”***

***“Key benefits for members included knowing current audit topics and possible outcomes.”***

### **Safety**

Committee members shared their experiences on audits undertaken by the HSE and EA. This had covered areas such as ageing plant and pipe work, workplace transport, leak detector calibration and contractor control. Key benefits for members included knowing current audit topics and possible outcomes. The Committee also continued to monitor industry accidents, both those in the press and those shared by members of the Committee. It was noted that quite a few accidents were related to use, storage or transport.

### **Transport**

Through FEA the Committee submitted an information paper to the joint ADR/RID (Road/Rail) committee asking for an increase in the maximum allowable internal pressure at 50°C for aerosol dispensers to 12, 13.2 and 15 bar depending upon propellant type. This has been well received and is to be incorporated into 'ADR 2019'.

The Committee continues to examine the need for producing a reliable leaking aerosol to calibrate leak detectors used in tandem with hot water bath testing. The Committee has been in dialogue with two technology companies to develop a leak device. Each company has given a presentation to the Committee, demonstrating how their devices work. This looks encouraging and BAMA is considering a further trial to demonstrate a protocol for proving the leak detection system. Any companies interested in volunteering to conduct industrial trials of the devices should contact the BAMA Secretariat.



### **The Future of Aerosols 2**

There has been limited time on this due to changes in organisational structure. However, 'bow-tie' diagrams had been developed for use in Business Continuity Planning (BCP). It was felt this could be more of a benefit to smaller companies, as larger ones may already have their own templates.

### **European Aerosol Federation (FEA)**

The Committee continues to engage with the FEA on various topics within the scope of this committee, including proposals for FEA to develop one page reports on industry and transport safety issues, similar to those in BAMA's Safety Knowledge Database.

Finally, the Committee is a platform for the sharing of good and best practice for safety in the aerosol industry, we are always happy to welcome new members. If you are interested in joining, or would like to know more, please contact the Secretariat.

***“FEA to develop one page reports on industry and transport safety issues.”***





## Packaging and Contents Committee

**Adrian McCretton of Swallowfield plc**

Chair of the Packaging and Contents Committee

The Committee has had another busy year monitoring increased regulatory activities across a broadening range of issues. With the usual four quarterly meetings held in the year I would like to thank all members and attendees, both past and present, for their valued input and lively debate on some of the most important topics that have an impact on our industry.

### **Brexit**

The Committee continue to monitor and discuss Brexit issues and implications. Whilst many aspects still await resolution, we do not anticipate any major changes to the core regulations for aerosol products as they are already covered under UK law in alignment with the EU Directive. The only change to the Directive planned in the next year is an amendment to permit larger plastic aerosols, which should occur under the normal processes. However, there may be some impact with labelling changes for specific sectors (such as address information) and country of origin labelling 'Made in UK'.

### **Inhalation and ECHA**

During the year, a major issue came to a head when ECHA issued guidance that recommended that, contrary to the legal text of CLP, propellants should be excluded from the classification calculations for health and environment effects. The Committee, ad hoc WGs and FEA teams prepared data to challenge this position and presented it to regulators in the spring with some success; the European Commission has decided that excluding propellant goes beyond the globally harmonised system (GHS). However, we still have work to do because the ECHA FAQ remains in publication. If aerosol marketers are challenged by authorities on classification using this document we request that they immediately contact the BAMA team for support.



***“The Committee continue to monitor and discuss Brexit issues and implications.”***

### **ADD evaluation and plastic aerosols**

The major topic of last year was the ADD evaluation exercise by the European Commission – many thanks to all Members who commented and submitted evidence. We have just had formal publication of the results and the conclusion is that the Directive is functioning well and is contributing positively to its main objectives of guaranteeing the safety of aerosol dispensers while ensuring the free movement on the EU market. The Directive is considered to be relevant, effective, efficient and coherent with other legislation applying to aerosol products. As such – no changes are planned to the core Directive, but the industry continues to lobby on technical adaptations to bring larger plastic aerosols into scope. Progress on this topic is now building momentum and draft texts are being exchanged and reviewed. Once the restrictions on plastic aerosols have been removed we anticipate a reduced level of activity on the ADD for an extended period.

### **REACH, CLP and chemicals legislation**

A number of materials important to aerosols continue to be impacted by classification reviews and restrictions. Epoxy lacquers and BPA precursors have been an area of steady activity over the last few years and the valve and can suppliers have regularly updated the Committee on alternative materials. Chromium passivation processes for steel are still being monitored and other materials such as Titanium Dioxide have been subject to reviews that could impact the industry – the Committee continues to monitor, communicate and input to these issues.



*“Good and workable standards are critical for all industries with complex supply chains and assemblies.”*



### **Classification and labelling, chemicals under pressure**

In May 2018, the final deadline for the REACH phase-in was passed, as a result the new data available is being used to reclassify many chemicals under CLP; the Committee had regular updates on changes in hazard classification. More recently, the Committee has been involved in an exercise to ensure that global harmonised legalisation (GHS) being developed to cover a previous regulatory gap – larger pressurised vessels (Chemicals under Pressure) is coherent and complimentary to the aerosol section of GHS. The section of legislation covering these products and aerosols will be merged into a single chapter, written in a clear manner separating the two, we will maintain activities through the year to ensure that historic issues (such as the gas cylinder pictogram) are not re-applied to aerosols.

### **Standards**

Good and workable standards are critical for all industries with complex supply chains and assemblies. Following frustration with the lack of progress getting changes to the FEA standards, the Committee launched a BAMA Standardisation working group to help drive improvements by both the review of existing FEA standards and developing a long term view of the needs of the aerosols industry. The intention is to create a flexible working group where experts on specific issues from BAMA members can discuss detailed changes to existing standards. The aim is to better support the FEA Standards and International Liaison Committees with input from broader groups across the supply base. It is hoped to discuss typical issues and develop solutions for the future. The working group met twice in the year with an agreed scope and discussions to establish a set of critical dimensions for the successful assembly of an aerosol product as the starting point for future work. We would encourage input from colleagues across the industry with ideas on areas that may benefit from review or future study.



***“The recent focus on the impact of plastic wastes in the environment has resulted in several initiatives being launched by UK and EU authorities.”***

### **Micro-plastics, single use plastics and DRS**

The recent focus on the impact of plastic wastes in the environment has resulted in several initiatives being launched by UK and EU authorities. At the end of 2017 we saw the introduction in the UK of the ban of microbeads in wash off cosmetic products, this was extended into a formal brief for ECHA to evaluate the use of micro-plastics across a wide range of applications from paints through consumer products and into fabrics/tyres. Key to the outcome will be the definitions used for micro-plastics – we await the formal consultation launch.

Alongside micro-plastics, larger single use plastic items are being tackled with a ban on certain disposable articles such as drinking straws, cups, cutlery and restrictions on wipes containing plastic binders and plastic beverage bottles. Whilst aerosol products are not targeted under the specific list of articles to be restricted – the definition of single use plastic articles is broad and clearly intended for future expansion, industry is emphasising that whilst the aerosol dispenser is non-refillable – the products are multi-use long life span articles with a good history of recycling.

With the pending update to plastic aerosol capacity limits the Committee has monitored the work of PETCore Special Interest group. This group was launched to develop guidance to ensure that post-consumer plastic aerosols can be recycled as easily and safely as metal aerosols.

The big challenge for the Committee in the year ahead is managing the continued growth and breadth of activity that we cover. With this in mind we will be restructuring some of the meetings and activities undertaken by the Committee to maximise the focus for the meetings and encourage the use of working groups to discuss specialist topics in more depth and so make best use of the expertise members bring to the table.

## Volatile Substance Abuse Committee

### **Dennis Jones of BOC Speciality Gases**

Chair of the Volatile Substance Abuse (VSA) Committee

The Volatile Substance Abuse (VSA) Committee met three times during the last year through a combination of face-to-face meetings and video conferencing. At the most recent meeting we were pleased to welcome three new members to the Committee to discuss BAMA's policy in this very important area for the Association.

**Re-Solv**



**Solve It**

BAMA has continued to support Re-Solv and Solve-It through meetings such as the VSA Committee, offering advice on aerosol specific issues, where needed, and with financial support. With their help, BAMA has been able to share information about the issues of volatile substance abuse to its membership and to the wider aerosol community across Europe. Re-Solv kindly gave a presentation at the BAMA Forum and at the FEA General Assembly in 2017 to explain the important work they do helping people involved in substance abuse and educating others by highlighting its dangers.

Following the General Election in 2017 the All Party Parliamentary Group on VSA has reconvened. This is positive news as it gives the charities and industry a route into government to discuss this topic. It is anticipated that a report on the effectiveness, or otherwise, of the Psychoactive Substances Act will be produced before the end of 2018 and this will include a section on VSA.





**SOLVENT  
ABUSE  
CAN KILL  
INSTANTLY**

*“BAMA has instigated discussions at European level to highlight potential problems with new formulations coming on to the market in the UK and Europe of pressure dusters.”*

BAMA has instigated discussions at European level to highlight potential problems with new formulations coming onto the market in the UK and Europe of pressure dusters. Since the introduction of the new F Gas regulations products containing flammable gases such as propane and butane have been coming onto the market which could present an issue both from a product safety and abuse perspective. Working with our colleagues in Europe we hope to be able look at improved labelling and potential changes to regulations to restrict which gases can be used in these products.

Information about the level of problems with VSA, and aerosols specifically, continue to be difficult to obtain although a Prevalence Report was published by the Office for National Statistics in early 2018. This showed a small but worrying rise in the number of deaths associated with VSA across a range of volatile materials. BAMA will continue to work closely with the charities to help try and reduce this.

I would like to thank all those that have given up their time for this committee. I hope the option to join via video conferencing will help to encourage engagement and bring more new members.

# Committee Members

## Executive Committee

### Chair

Mr Sebastian Alvarez, Unilever UK Ltd

### Vice Chair

Mr Tony Brealey, Reabrook Ltd

### Honorary Treasurer

Mr Andy Gibbs, Church & Dwight UK Ltd

### Committee members

Dr Alina Darragh, WD40 Company

Mr Dennis Jones, BOC Speciality Gases

Dr Gillian Marsh, Procter & Gamble UK

Mr Grant Coupland, Colep UK Ltd

Mr Ian Davies, Provensis Ltd

Mr James Smith, Summit Europe cv

Mr John Gordon, Reabrook Ltd

Mr Murdoch Crawford, Plastipak

Mr Nigel Jackson, SprayAid

Mr Norman Clark, RB Ltd

Mr Rick Hewitt, Barony Universal Products

Mr Tim Coneybeare, Crown Aerosols

### BAMA staff

Mr Patrick Heskins, BAMA

Dr Paul Jackson, BAMA

## Commercial and Planning Committee

### Chair

Mr Tony Brealey, Reabrook Ltd

### Committee members

Mr Andy Gibbs, Church & Dwight UK Ltd

Dr Gillian Marsh, Procter & Gamble UK

Mr Nigel Jackson, SprayAid

Mr Norman Clark, RB Ltd

Mr Rick Hewitt, Barony Universal Products Plc

Mr Sebastian Alvarez, Unilever UK Ltd

### BAMA staff

Mr Patrick Heskins, BAMA

Dr Paul Jackson, BAMA

## Environment and Sustainability Committee

### Chair

Mr Ian Davies, Provensis Ltd

### Committee members

Mr Adrian McCretton, Swallowfield plc

Mr Allan Grossart, Honeywell Belgium N.V

Mr Bjoern Kulmann, Ball Aerocan UK Ltd

Ms Chesta Tiwari, Crown Aerosols

Mr Doug Raymond, Raymond Regulatory Resources

Mr Farid Moussouni, Reckitt Benckiser

Ms Fernanda Tavares, Colep UK

Mr Graham Lawrence, AkzoNobel Decorative Paints UK Ltd

Ms Jane Wilson, AkzoNobel Surface Chemistry AB

Mr Jonathan Lawrence, Ball Aerocan UK Ltd

Ms Kinza Sutton, Plastipak Packaging

Ms Laura Grant, Colep UK

Mr Marcel Arsand, Ball Aerocan UK Ltd

Mr Mark Waters, SALVALCO

Mr Michael Pleus, Reckitt Benckiser

Mr Paul McConaghy, Grundon Waste Management

Mr Peter Watmough, Cascade Technologies Ltd

Mr Richard Butterworth, James Briggs Ltd

Mr Rob Parkes, Aptar Beauty & Home

Mr Sebastian Alvarez, Unilever UK Ltd

Dr Tony Taylor, Unilever UK Ltd

### BAMA staff

Mr Patrick Heskins, BAMA

Dr Paul Jackson, BAMA

## VSA Committee

### Chair

Mr Dennis Jones, BOC Speciality Gases

### Committee members

Ms Amy Barker, SC Johnson Ltd

Dr Gillian Marsh, Procter & Gamble UK

Ms Lynn Chapman, Reabrook Ltd

Mr Mike Genner, Falcon Safety Products Ltd

Ms Natalie Cox, Ball Aerocan UK Ltd

Ms Pamela Runnacles, Unilever UK Ltd

Ms Timea Szuhanszki, SC Johnson Ltd

### External members

Mr Atilla Gaal, Henkel

Mr Jon Mellor, Waitrose

Ms Joy Smith, Solve It

Ms Nicola Masling, Wilko Retail Ltd

Mr Stephen Ream, Re-Solv

### BAMA staff

Mr Patrick Heskins, BAMA

## Packaging and Contents Committee

### Chair

Mr Adrian McCretton, Swallowfield plc

### Committee members

Mr Andrew Davies, Ardagh Group

Mr Andrew Dawson, Hydrokem Aerosols Ltd

Mr Andrew Taylor, James Briggs Ltd

Mr Cedric Fanton, Ball Aerocan UK Ltd

Ms Christina Jenkyns, Reabrook Ltd

Ms Emily Bradley, Sanglier Ltd

Mr Farid Moussouni, Reckitt Benckiser

Dr Gillian Marsh, Procter & Gamble UK

Mr Graham Lawrence, AkzoNobel Decorative Paints UK Ltd

Ms Izabella Nowak, Robert McBride Ltd

Mr John Ferguson, Summit Europe cv

Ms Joy Wood, Woodhurst Innovations Ltd

Ms Karen Foster, Procter & Gamble UK

Ms Leeanne Robinson, Robert McBride Ltd

Mr Malcolm Large, Lindal Valve Company UK

Ms Marina Pereira, SC Johnson Ltd

Mr Marty Spencer, Colep UK Ltd

Mr Matthew Whitlock, No Climb Products Ltd

Mr Michael Pleus, Reckitt Benckiser

Ms Monica Lundervold, Procter & Gamble UK

Mr Murdoch Crawford, Plastipak Packaging UK Ltd

Mr Nicolas Tissie, Crown Aerosols

Mr Nigel Jackson, SPRAYAID

Mr Peter Tune, Unilever UK Ltd

Mr Peter Watmough, Cascade Technologies Ltd

Mr Philip Clarkson, ROCOL

Mr Shirish Desale, Church & Dwight UK Ltd

Ms Timea Szuhanszki, Reckitt Benckiser

Ms Tine Dewaele, Unilever UK Ltd

Mr Tom Gilmour, Precision Valve UK

Ms Yasmine El Mourabit, Barony Universal Products Plc

### BAMA staff

Mr Patrick Heskins, BAMA

Dr Paul Jackson, BAMA

## Operational Safety Committee

### Chair

Mr John Gordon, Reabrook Ltd

### Committee members

Mr Andrew Dodsworth, Unilever UK Ltd

Mr Craig Walker, Beiersdorf UK Ltd

Mr Darren Moppett, Procter & Gamble UK

Mr Gary Matley, James Briggs

Mr Gavin Smart, Reckitt Benckiser

Mr Ian Davies, Provensis Ltd

Mr Jim Murray, Unilever UK Ltd

Ms Jo Fuller, Church & Dwight UK

Mr Jon Clark, Procter & Gamble UK

Mr John Ferguson, Summit Europe cv

Mr John Grumley, Leo Pharma

Mr John McGhee, Barony Universal Products Plc

Mr John Portt, Swallowfield plc

Mr Karl Owen, Reabrook Ltd

Mr Leon Finn, RA Jones

Mr Michael McCulloch, Alloway UK

Ms Michelle Huggon, ROCOL

Mr Paul Sullivan, DH Industries Ltd

Mr Peter Jewitt, Hydrokem Aerosols Ltd

Mr Peter Watmough, Cascade Technologies Ltd

Mr Russell Butler, Autosmart International

Mr Simon Sketon, Robert McBride Ltd  
Aerosols & Aircare

Mr Stuart Marsh, R&R Midlands

Mr Tony Price, RA Jones

### BAMA staff

Mr Patrick Heskins, BAMA

Dr Paul Jackson, BAMA



# Financial Report and Statement

Directors' Report

Profit and Loss Account

Balance Sheet

Notes to the Financial Statements

# Financial Report and Statement

## Directors' Report

For the year ended 31 December 2017

The directors present their annual report and financial statements for the year ended 31 December 2017.

### Principal activities

The principal activity of the Association in the year under review was that of a trade association for the British aerosol industry.

### Directors

The directors who held office during the year and up to the date of signature of the financial statements were as follows:

|                  |   |
|------------------|---|
| Mr S Alvarez     |   |
| Mr G A Coupland  | (Resigned 19 October 2017)                                |
| Dr G R Marsh     |   |
| Mr D Evans       | (Resigned 7 June 2017)                                    |
| Mr A J Mortimer  | (Resigned 19 October 2017)                                |
| Mr L Bradley     | (Resigned 7 June 2017)                                    |
| Mr R J Hewitt    |   |
| Mr A W Brealey   |   |
| Mr N Clark       |   |
| Mr N L Jackson   |   |
| Mr A M Mccretton |   |
| Mr A R Gibbs     |   |
| Mr M A Crawford  |   |
| Mr T Conybeare   | (Appointed 19 October 2017)                               |
| Dr A Darragh     | (Appointed 19 October 2017)                               |
| Mr J Smith       | (Appointed 19 October 2017)                               |
| Mr D Jones       | (Appointed 19 October 2017 and resigned 15 February 2018) |

**Limited by guarantee**

British Aerosol Manufacturers' Association is a company limited by guarantee and not having a share capital. Each member guarantees to contribute a maximum of £500 in the event of the Association being wound up.

This report has been prepared in accordance with the provisions applicable to companies entitled to the small companies exemption.

By order of the Board

Mr P R Heskins  
Secretary  
28 June 2018

# Profit and Loss Account

For the year ended 31 December 2017

|   | Notes    | 2017<br>£       | 2016<br>£    |
|---|----------|-----------------|--------------|
| <b>Income</b>                                   |          | 689,591         | 582,306      |
| Cost of sales                                   |          | (194,906)       | (165,016)    |
| <b>Gross surplus</b>                            |          | 494,685         | 417,290      |
| Administrative expenses                         |          | (529,217)       | (421,760)    |
| <b>Operating deficit</b>                        | <b>3</b> | (34,532)        | (4,470)      |
| Interest receivable and similar income          |          | 707             | 1,872        |
| Interest payable and similar expenses           |          | (593)           | (508)        |
| <b>Deficit before taxation</b>                  |          | (34,418)        | (3,106)      |
| Taxation  |          | -               | 7,669        |
| <b>Surplus/(deficit) for the financial year</b> |          | <b>(34,418)</b> | <b>4,563</b> |



# Balance Sheet

For the year ended 31 December 2017

|  | Notes | 2017<br>£        | £              | 2016<br>£        | £              |
|--|-------|------------------|----------------|------------------|----------------|
| <b>Fixed assets</b>  |       |                  |                |                  |                |
| Tangible assets  | 5     |                  | 225,932        |                  | 214,178        |
| <b>Current assets</b>  |       |                  |                |                  |                |
| Debtors  | 6     | 25,919           |                | 32,092           |                |
| Cash at bank and in hand                                       |       | 644,343          |                | 748,099          |                |
|  |       | <u>780,191</u>   |                | <u>720,706</u>   |                |
| <b>Creditors: amounts falling due within one year</b>          | 7     | <u>(200,050)</u> |                | <u>(266,515)</u> |                |
| <b>Net current assets</b>                                      |       |                  | 470,212        |                  | 513,676        |
| <b>Total assets less current liabilities</b>                   |       |                  | <u>696,144</u> |                  | <u>727,854</u> |
| <b>Creditors: amounts falling due after more than one year</b> | 8     |                  | <u>(3,812)</u> |                  | <u>(1,104)</u> |
| <b>Net assets</b>  |       |                  | <u>692,332</u> |                  | <u>726,750</u> |
| <b>Reserves</b>  |       |                  |                |                  |                |
| Profit and loss account  |       |                  | <u>692,332</u> |                  | <u>726,750</u> |

For the financial year ended 31 December 2017 the company was entitled to exemption from audit under section 477 of the Companies Act 2006 relating to small companies. The directors acknowledge their responsibilities for complying with the requirements of the Companies Act 2006 with respect to accounting records and the

preparation of financial statements. The members have not required the company to obtain an audit of its financial statements for the year in question in accordance with section 476. These financial statements have been prepared in accordance with the provisions applicable to companies subject to the small companies' regime The

financial statements were approved by the board of directors and authorised for issue on 28 June 2018 and are signed on its behalf by:

**Mr S Alvarez**  
Director  
Company Registration No. 01763228

# Notes to the Financial Statements

## For the year ended 31 December 2017

### 1 Accounting policies

#### Company information

British Aerosol Manufacturers' Association is a private company limited by guarantee incorporated in England and Wales. The registered office is 1 Viewpoint, Office Village, Babbage Road, Stevenage, Herts, SG1 2EQ.

#### 1.1 Accounting convention

These financial statements have been prepared in accordance with FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland" ("FRS 102") and the requirements of the Companies Act 2006 as applicable to companies subject to the small companies regime. The disclosure requirements of section 1A of FRS 102 have been applied other than where additional disclosure is required to show a true and fair view.

The financial statements are prepared in sterling, which is the functional currency of the company. Monetary amounts in these financial statements are rounded to the nearest £.

The financial statements have been prepared under the historical cost convention. The principal accounting policies adopted are set out below.

#### 1.2 Turnover

Turnover represents amounts receivable for subscriptions net of VAT. Subscriptions are invoiced in advance and recognised as the company fulfils its obligations under the agreements.

#### 1.3 Tangible fixed assets

Tangible fixed assets are initially measured at cost and subsequently measured at cost or valuation, net of depreciation and any impairment losses.

Depreciation is recognised so as to write off the cost or valuation of assets less their residual values over their useful lives on the following bases:

Land and buildings Freehold 2% on cost

Fixtures, fittings & equipment 33 1/3% and 20% on cost

The gain or loss arising on the disposal of an asset is determined as the difference between the sale proceeds and the carrying value of the asset, and is credited or charged to surplus or deficit.

#### 1.4 Impairment of fixed assets

At each reporting period end date, the company reviews the carrying amounts of its tangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any). Where it is not possible to estimate the recoverable amount of an individual asset, the company estimates the recoverable amount of the cash-generating unit to which the asset belongs.

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or cash-generating unit) is reduced to its recoverable amount. An impairment loss is recognised immediately in surplus or deficit, unless the relevant asset is carried at a revalued amount, in which

case the impairment loss is treated as a revaluation decrease.

Recognised impairment losses are reversed if, and only if, the reasons for the impairment loss have ceased to apply. Where an impairment loss subsequently reverses, the carrying amount of the asset (or cash-generating unit) is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognised for the asset (or cash-generating unit) in prior years. A reversal of an impairment loss is recognised immediately in surplus or deficit, unless the relevant asset is carried at a revalued amount, in which case the reversal of the impairment loss is treated as a revaluation increase.

### 1.5 Cash and cash equivalents

Cash at bank and in hand are basic financial assets and include cash in hand, deposits held at call with banks, other short-term liquid investments with original maturities of three months or less, and bank overdrafts. Bank overdrafts are shown within borrowings in current liabilities.

### 1.6 Financial instruments

The company has elected to apply the provisions of Section 11 'Basic Financial Instruments' and Section 12 'Other Financial Instruments Issues' of FRS 102 to all of its financial instruments.

Financial instruments are recognised in the company's balance sheet when the company becomes party to the contractual provisions of the instrument.

Financial assets and liabilities are offset, with the net amounts presented in the financial statements, when there is a legally enforceable right to set off the recognised amounts and there is an intention to settle on a net basis or to realise the asset and settle the liability simultaneously.

#### Basic financial assets

Basic financial assets, which include debtors and cash and bank balances, are initially measured at transaction price

including transaction costs and are subsequently carried at amortised cost using the effective interest method unless the arrangement constitutes a financing transaction, where the transaction is measured at the present value of the future receipts discounted at a market rate of interest. Financial assets classified as receivable within one year are not amortised.

#### Classification of financial liabilities

Financial liabilities and equity instruments are classified according to the substance of the contractual arrangements entered into. An equity instrument is any contract that evidences a residual interest in the assets of the company after deducting all of its liabilities.

#### Basic financial liabilities

Basic financial liabilities, including creditors, bank loans, loans from fellow group companies and preference shares that are classified as debt, are initially recognised at transaction price unless the arrangement constitutes a financing transaction, where the debt instrument is measured at the present value of the future payments discounted at a market rate of interest. Financial liabilities classified as payable within one year are not amortised.

Debt instruments are subsequently carried at amortised cost, using the effective interest rate method.

Trade creditors are obligations to pay for goods or services that have been acquired in the ordinary course of business from suppliers. Amounts payable are classified as current liabilities if payment is due within one year or less. If not, they are presented as non-current liabilities. Trade creditors are recognised initially at transaction price and subsequently measured at amortised cost using the effective interest method.

### 1.7 Provisions

Provisions are recognised when the company has a legal or constructive present obligation as a result of a past event, it is probable that the company will be required to settle that obligation and a reliable estimate can be made of the amount of the obligation.

The amount recognised as a provision is the best estimate of the consideration required to settle the present obligation at the reporting end date, taking into account the risks and uncertainties surrounding the obligation. Where the effect of the time value of money is material, the amount expected to be required to settle the obligation is recognised at present value. When a provision is measured at present value, the unwinding of the discount is recognised as a finance cost in surplus or deficit in the period in which it arises.

### 1.8 Employee benefits

The costs of short-term employee benefits are recognised as a liability and an expense, unless those costs are required to be recognised as part of the cost of stock or fixed assets.

The cost of any unused holiday entitlement is recognised in the period in which the employee's services are received.

Termination benefits are recognised immediately as an expense when the company is demonstrably committed to terminate the employment of an employee or to provide termination benefits.

### 1.9 Retirement benefits

Payments to defined contribution retirement benefit schemes are charged as an expense as they fall due.

### 1.10 Leases

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessees. All other leases are classified as operating leases.

Assets held under finance leases are recognised as assets at the lower of the assets fair value at the date of inception and the present value of the minimum lease payments. The related liability is included in the balance sheet as a finance lease obligation. Lease payments are treated as consisting of capital and interest elements. The interest is charged to the profit and loss account so as to produce a constant

periodic rate of interest on the remaining balance of the liability.

### 1.11 Foreign exchange

Transactions in currencies other than pounds sterling are recorded at the rates of exchange prevailing at the dates of the transactions. At each reporting end date, monetary assets and liabilities that are denominated in foreign currencies are re-translated at the rates prevailing on the reporting end date. Gains and losses arising on translation are included in the profit and loss account for the period.

## 2 Exceptional items

There were no exceptional items in 2017. In 2016 the following exceptional items arose:

(i) The Board has previously made provision for a possible liability arising from a former pension scheme. It has since been agreed that no such liability exists and therefore the amounts accrued up to 31 December 2015 of £164,340 are now written back into the profit and loss account for the year ended 31 December 2016.

(ii) The Board has resolved to create a provision for potential expenditure arising in relation to the UK's withdrawal from the European Union. The amount charged to the profit and loss account in 2016 is £100,000.

**3 Operating deficit**

|   | 2017 | 2016  |
|---|------|-------|
| Operating deficit for the year is stated after charging/(crediting):                      | £    | £     |
| Fees payable to the company's auditor for the audit of the company's financial statements | –    | 4,500 |

**4 Employees**

The average monthly number of persons (including directors) employed by the company during the year was 4 (2016 - 4).

**5 Tangible fixed assets**

|                                    | Land and<br>buildings<br>£ | Plant and<br>machinery etc<br>£ | Total<br>£ |
|------------------------------------|----------------------------|---------------------------------|------------|
| <b>Cost</b>                        |                            |                                 |            |
| At 1 January 2017                  | 216,670                    | 54,956                          | 271,626    |
| Additions                          | –                          | 28,875                          | 28,875     |
| Disposals                          | –                          | (2,893)                         | (2,893)    |
| At 31 December 2017                | 216,670                    | 80,938                          | 297,608    |
| <b>Depreciation and impairment</b> |                            |                                 |            |
| At 1 January 2017                  | 21,664                     | 35,784                          | 57,448     |
| Depreciation charged in the year   | 4,332                      | 11,336                          | 15,668     |
| Eliminated in respect of disposals | –                          | (1,440)                         | (1,440)    |
| At 31 December 2017                | 25,996                     | 45,680                          | 71,676     |
| <b>Carrying amount</b>             |                            |                                 |            |
| At 31 December 2017                | 190,674                    | 35,258                          | 225,932    |
| At 31 December 2016                | 195,006                    | 19,172                          | 214,178    |

**6 Debtors**

|   | <b>2017</b>   | <b>2016</b>   |
|---|---------------|---------------|
|   | <b>£</b>      | <b>£</b>      |
| <b>Amounts falling due within one year:</b> |               |               |
| Trade debtors                               | 3,143         | 3,119         |
| Corporation tax recoverable                 | –             | 7,369         |
| Other debtors                               | 9,118         | 8,336         |
| Prepayments and accrued income              | 13,658        | 13,268        |
|   | <u>25,919</u> | <u>32,092</u> |

**7 Creditors: amounts falling due within one year**

|                                    | <b>2017</b>    | <b>2016</b>    |
|------------------------------------|----------------|----------------|
| <b>Notes</b>                       | <b>£</b>       | <b>£</b>       |
| Obligations under finance leases   | 792            | 964            |
| Trade creditors                    | 12,529         | 4,264          |
| Other taxation and social security | 7,341          | 7,017          |
| Other creditors                    | 40,259         | 5,028          |
| Accruals and deferred income       | 139,129        | 249,242        |
|                                    | <u>200,050</u> | <u>266,515</u> |

Net obligations under finance lease contracts are secured by fixed charges on the assets concerned.

**8 Creditors: amounts falling due after more than one year**

|                                  | <b>Notes</b> | <b>2017</b> | <b>2016</b> |
|----------------------------------|--------------|-------------|-------------|
|                                  |              | <b>£</b>    | <b>£</b>    |
| Obligations under finance leases |              | 3,812       | 1,104       |

Net obligations under finance lease contracts are secured by fixed charges on the assets concerned.

**9 Members' liability**

The company is limited by guarantee, not having a share capital and consequently the liability of members is limited, subject to an undertaking by each member to contribute to the net assets or liabilities of the company on winding up such amounts as may be required not exceeding £500.

**10 Financial commitments, guarantees and contingent liabilities**

At the balance sheet date the company had total commitments of £nil (2016: £9,200).



Directory:

Members

Overseas Associations



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☎ 01276 852308  
TShearmu@scj.com  
www.scjohnson.com

**Sherwin-Williams Consumer Brands Group**

4440 Warrensville Center Road  
Warrensville Heights  
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**Simply Breathe Ltd**

Unit 4, Beverley Business Centre  
Beverly HU17 0NZ  
☎ 07817 163751  
www.simplybreathe.co.uk

**SPRAYAID**

32 High Street  
Maxey  
Peterborough PE6 9EE  
☎ 07905 335913  
njackson.sprayaid@gmail.com

**Springfields Solutions Ltd**

Thomas Street  
Hull HU9 1EH  
☎ 01482 484700  
solutions@springfieldsolutions.co.uk  
www.springfieldsolutions.co.uk

**Sumitomo Chemical (UK) plc**

Hythe House  
200 Shepherds Bush Road  
London W6 7NL  
☎ 020 7471 3730  
☎ 020 7471 3749  
spiller@scuk.sumitomo-chem.co.uk  
www.sumitomo-chem.co.uk

**Summit Europe cv**

Damsluisweg 12  
1332 EC Almere  
The Netherlands  
☎ 00 31 36 549 1200  
☎ 00 31 36 549 1201  
j.smith@summit.eu.com  
www.summiteurope.nl

**Swallowfield plc**

Swallowfield House  
Station Road  
Wellington  
Somerset TA21 8NL  
☎ 01823 662241  
sales@swallowfield.com  
www.swallowfield.com

**Tallon International Ltd**

Unit 4, Cyan Park  
Coventry CV2 4QP  
☎ 02476 437000  
☎ 02476 452949  
enquiries@tallon.co.uk  
www.tallon.co.uk

**Tetrosyl Ltd**

Bevis Green  
Bury  
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☎ 0161 7645981  
☎ 0161 7626713  
automotive@tetrosyl.com  
www.tetrosyl.com

**Tor Coatings Ltd, Rust-Oleum Europe**

Portobello Industrial Estate  
Birtley  
Chester le Street  
Co Durham DH3 2RE  
☎ 0191 4106611  
☎ 0191 4920125  
enquiries@tor-coatings.com  
www.tor-coatings.com

**Turtle Wax Europe Ltd**

Alaska House  
Atlantic Park  
Dunnings Bridge Road  
Liverpool L30 4AB  
☎ 0151 5304740  
☎ 0151 2111812  
www.turtlewaxeurope.com

**Unilever UK Ltd**

Unilever House  
Springfield Drive  
Leatherhead  
Surrey KT22 7GR  
☎ 01372 945000  
☎ 01372 945001  
www.unilever.com

**WD-40 Company**

PO Box 440  
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☎ 01908 555400  
☎ 01908 266900  
info@wd40.co.uk  
www.wd40.co.uk

**Woodhurst Innovations Ltd**

Suite 23  
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Burton on Trent  
Staffordshire DE14 3NT  
☎ 07769 737762  
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www.woodhurst-innovations.co.uk

**WV Associates Ltd**

Unit 7, Hatfield Way  
South Church Enterprise Park  
Bishop Auckland  
Co Durham DL14 6XF  
☎ 01388 772250  
☎ 01388 772263  
www.wearvalleyaerosols.co.uk

## Overseas Associations

| <b>Country</b>                   | <b>Company name</b>  | <b>Address</b>   |
|----------------------------------|--|--|
| <b>Argentina</b>                 | <b>Camara Argentina del Aerosol (CADEA)</b>                                  | Godoy Cruz 2769 6° (1425)<br>Buenos Aires<br>Argentina   |
| <b>Austria</b>                   | <b>Osterreichische Aerosol Vereinigung</b>                                   | Fachverband der Chemischen Industrie Österreichs<br>– FCIO<br>Wiedner Hauptstr. 63<br>1045 Wien<br>Austria |
| <b>Australia and New Zealand</b> | <b>Aerosol Association of Australia Inc</b>                                  | Suite 604, 51 Rawson Street<br>Epping<br>NSW 2121<br>Australia   |
| <b>Belgium/Luxemberg</b>         | <b>DETIC</b>   | Boulevard A. Reyers 80<br>B-1030 Brussels<br>Belgium   |
| <b>Brazil</b>                    | <b>Associação Brasileira de Aerossóis e Saneantes Domissanitários (ABAS)</b> | 42 Rua Geraldo Flausino Gomes – 11 Andar- Conj. 111<br>São Paulo<br>Brazil                                 |
| <b>Canada</b>                    | <b>Canadian Consumer Specialty Products Association (CCSPA)</b>              | Suite 800<br>130 Albert Street<br>Ottawa<br>Ontario<br>Canada K1P 5G4                                      |
| <b>Chile</b>                     | <b>Cámara de la Industria Cosmética de Chile A.G</b>                         | Avenida Kennedy 5757<br>Torre Oriente<br>Piso 6<br>Oficina 609<br>Hotel Marriott<br>Chile                  |

|                |   |   |
|----------------|---|---|
| <b>China</b>   | <b>China Packaging Federation (CPF)</b>           | 10th Floor, China Garments Mansion<br>No.99 Jianguo Rd.<br>Chaoyang District<br>Beijing, P.R.<br>China 100020 |
| <b>Czech</b>   | <b>Ceské aerosolové sdružení (CAS)</b>            | Velvety 33<br>415 01 Rtyne nad Bílinou<br>Ceská Republika   |
| <b>Denmark</b> | <b>Aerosol Industries Brancheforeing (AIB)</b>    | 6 Phoenixvej<br>8722 Hedensted<br>Denmark   |
| <b>Europe</b>  | <b>European Aerosol Federation (FEA)</b>          | Avenue Herrmann-Debroux 15A<br>1160 Brussels<br>Belgium   |
| <b>Finland</b> | <b>Finnish Aerosol Association (FAA)</b>          | Berner Oy<br>Eteläranta 4B<br>00130 Helsinki<br>Finland   |
| <b>France</b>  | <b>Comité Français des Aérosols (CFA)</b>         | 2 rue de Sèze<br>75009 Paris<br>France  |
| <b>Germany</b> | <b>Industrie-Gemeinschaft Aerosole e.V. (IGA)</b> | Mainzer Landstraße 55<br>60329 Frankfurt am Main<br>Germany   |
| <b>Greece</b>  | <b>Hellenic Aerosol Association (HAA)</b>         | Eleftherias and Melpomenis Road<br>15th Km National Road Athens-Lamia<br>GR-14564, Kifissia<br>Greece         |
| <b>Hungary</b> | <b>Aerosol Association of Hungary (AAH)</b>       | 1113 Budapest<br>Bartók Béla út 152<br>Hungary  |

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|---------------------|---|---|
| <b>Italy</b>        | <b>Associazione italiana aerosol (AIA)</b>                    | Via Giovanni da Procida, 11<br>20149 Milano<br>Italy  |
| <b>Japan</b>        | <b>Aerosol Industry Association of Japan</b>                  | 101-0044<br>Chiyoda-ku<br>Tokyo blacksmith-cho 1-10-4<br>Cobblestone building second floor<br>Japan |
| <b>Mexico</b>       | <b>Instituto Mexicano del Aerosol A.C (IMAAC)</b>             | Canarias 317, Col. Portales<br>Del. Benito Juárez<br>México, D.F.<br>C.P. 03300                     |
| <b>Netherlands</b>  | <b>Nederlandse Aerosol Vereniging (NAV)</b>                   | Nederlandse Aerosol Vereniging (NAV)<br>Postbus 914<br>NL-3700 AX ZEIST<br>Nederlands               |
| <b>Portugal</b>     | <b>Associacao Portuguesa de Aerosois (APA)</b>                | Rua da Junqueira nº. 39, 2º andar, Edifício Rosa<br>1300-307 Lisbon<br>Portugal                     |
| <b>Russia</b>       | <b>Russian Aerosol Association</b>                            | 6, Kombinatskaya st<br>Nevinnomyssk<br>357107 Stavropol<br>Russia                                   |
| <b>South Africa</b> | <b>Aerosol Manufacturers Association (AMA)</b>                | P O Box 9630, Centurion 0046<br>South Africa  |
| <b>Spain</b>        | <b>Asociación Española de Aerosoles (AEDA)</b>                | C/Loreto, 2. 08029 Barcelona<br>Spain   |
| <b>Sweden</b>       | <b>Swedish Aerosol Association (SAA)</b>                      | Box 61<br>18621 Vallentuna<br>Sweden  |
| <b>Switzerland</b>  | <b>Assoziation der Schweizerischen Aerosolindustrie (ASA)</b> | Bahnhofstrasse 37<br>8001 Zürich<br>Switzerland   |



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| <b>Turkey</b>    | <b>Aerosol Sanayicileri Dernegi (ASAD)</b>            | Istanbul Deri ve Endüstri Serbest Bölgesi 115/1B<br>34 957 Tuzla – Istanbul<br>Turkey                                  |
| <b>USA</b>       | <b>Consumer Specialty Products Association (CSPA)</b> | 1667 K Street NW, Suite 300<br>Washington DC 20006<br>USA  |
| <b>Venezuela</b> | <b>Camara Venezolana de Aerosoles</b>                 | 2da. Transversal con Av. Andrés Bello, Edif. Saint<br>Moritz PB<br>Urb. Los Palos Grandes<br>1062 Caracas<br>Venezuela |

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