



IMFormation April 2011

IMFair 2011

Reaching new heights at IMFair

IMFair 2011 is the premier UK event for surface finishing excellence in the aerospace and defence industries. It connects surface finishing applicators, researchers, specifiers, suppliers and end users to meet and share cutting edge developments.

Back by popular demand: the event organised by the Institute of Materials Finishing builds on the success of IMFair 2009, returning again to the RAF Cosford Museum Shifnal, June 14th through 16th 2011.

Bigger and better: three day conference with a full programme of high quality confirmed speakers from industry and academia. Supporting the conference is a dedicated exhibition of major suppliers, showcasing their latest products and developments.

Expand your horizons: quality networking opportunities within a targeted audience. Conference papers to share best practise techniques and ensure you are up to speed with the latest developments in surface finishing technology.

Only three months to go for IMFair opening day on Tuesday 14 June. Don't miss out, sign up today at www.instituteofmetalfinishing.org/imfairhome.htm

A full event programme will be released shortly, please contact Ken Hoare for further information on 0121 622 7387.

Environment, Health & Safety

Chemicals to be phased out by EU

Six substances of very high concern will be banned within 3 –5 years unless an authorisation has been granted to individual companies for their use. These substances are stated to be carcinogenic, toxic for reproduction and persist in the environment or accumulate in living organism.

Operators wishing to sell or use these substances will need to demonstrate that the required safety measures have been taken to adequately control the risks, or that the benefits for the economy outweigh the risks. Where alternative substances or techniques exist, then a timetable for substitution will also have to be submitted.

The chemicals are:

5-ter-butyl-2,4,6-trinito-m-xylene (musk xylene)

4,4'-diaminodiphenylmethane (MDA)

hexabromocyclododecane (HBCDD)

bis(2-ethylexyl) phthalate (DEHP)

benzyl butyl phthalate (BBP)

dibutyl phthalate (DBP)

For further information contact the ECHA website at: www.echa.europa.eu

New EU Rules for Notification of Chemical Substances

The Health and Safety Executive is supporting the Chemical Agency's (ECHA) campaign to remind companies that with effect from 1st December new rules came into force on the classification, labelling, packaging and notification of chemical substances. Within one month, companies manufacturing or importing a new chemical substance will need to notify ECHA for their inclusion in the new Classification and Labelling Inventory. The new system will be phased in over a five-year period for chemical substances from 10 December 2010 and for chemical mixtures from 1st June 2015.

The following will apply:

- Manufactured and imported substances (e.g. dyes subject to REACH).
- Manufactured or imported substances which are classified as hazardous irrespective of the quantity.
- Imported mixtures containing hazardous substances irrespective of the quantity.
- Imported articles containing substances, which are subject to REACH registration.

A practical guide has been published by ECHA which explains the role of the inventory and how to submit: http://echa.europa.eu/doc/publications/practical_guide/pg_7_clp_notif_en.pdf

French Proposals for Candidate List in August

The French currently have a consultation on the substances below

Nickel sulphate – CAS No. 7786-81-4

Nickel carbonate (11) – CAS No. 3333-67-3

Beryllium – CAS No. 7740-41-7

Beryllium oxide – CAS No. 1304-56-9

Ethylene oxide, 1.2 – synonyms: epoxyethane; oxirane - CAS No. 75-21-8

Propylene oxide, 1.2 synonyms: epoxypropane; Methyloxirane - CAS No. 75-56-9

Formamide synonyms: Methanamide; carbamaldehyde - CAS No. 75-12-7

Chromium 111 chromate: synonyms: dichromium (tris) chromate - CAS No. 24613-89-6

Hydroxyoctaoxodizincate potassium dichromate - CAS No. 11103-86-9

Pyridinium dichromate - CAS No. 20039-37-6

Octahydroxychromate of pentazinc – CAS No. 49663-84-5

Chromate, bis (triphenylsilyl)- CAS No. 1624-02-8

Company News and Products

Metrohm UK Ltd

Metrohm are running a series of 'webinars' – "what you need to know!"

They will cover the basic fundamentals of Ion Chromatography highlighting time and budget-saving features and answer all application questions in an interactive questions and answers session To find out more Tel: 01928 579 600

Vixen Surface Treatments Ltd

Do you have a requirement for blast cleaning and or degreasing/pre-treatment?

Vixen manufactures a wide range of such equipment. Dry blast cleaning can be used for various applications including providing a key to metal surface prior to painting, whilst wetblast machines use a water and abrasive slurry to simultaneously degrease and blast to give a smooth satin sheen finish.

The various machines available are automatic and provide a safe alternative use to Trichloroethylene and other solvents used for degreasing and pre- treatment, which many



companies are looking to replace due to new regulations.
To request the latest brochure Tel: 01642 769333

IMF News

Scottish Branch

A suggestion has been received that the IMF should consider the re-formation of this Branch. Interested members and non-members should let either of the two person below know of their interest.

William Waugh Email: william.waugh@interplex.com

Nigel Gill Email: nigelgill2009@yahoo.co.uk

New Members and Transfers

Affiliate

Frimpong, Frank Sarantel Ltd

Member MIMF

Bao, Yuqing London South Bank Univ. Smith, James University of Portsmouth.

Fellow FIMF

Waugh, William Interplex

Shaw, Richard SAPA pressweld

Examination Results – January 2011

Foundation Certificate

Adams, Janine* Protech Finishing Ltd Banks,
Stephen* Metafin Group Holdings
Cockerill, Matthew Protech Finishing Ltd
Fieldhouse, Alexander# LEW Technologies Ltd
Hazley, Thomas* Schlumberger
Holden, Amy# e2v Technologies
Voice, Martin# Stannah Stairlifts Ltd
Williams, Gavin# Royal Mint

New Distance Learning Technician Modules

Principles of Electroplating

Whittle, Gareth# BAE Systems
Fiserova, Claudia# Ronaldsway Aircraft Co

Distance Learning MF2 Plating Practice

Birdsall, Paul# Protech Finishing Ltd
(having previously passed MF1 Electroplating
Principles, Paul Birdsall is awarded a Technician Certificate with distinction)

* Pass with Merit # Pass with Distinction

New Sustaining Members

Metal Improvement Company, LLC

Ascot Drive, Derby DE24 8ST
Tel: 01332 756076, Fax: 01332 757293
Email: neil_sheward@metalimprovement.com



Web: www.metalimprovement.com

Metal Improvement Company (MIC) specialises in high quality, cost effective metal and material surface treatments which enhance performance and extend the life of critical components. MIC has 68 international operating divisions, 7 in the UK, where experienced field crews can provide onsite processing world-wide. Services include: controlled shot and laser peening, engineered coatings and customer on-site processing.

Godrej & Boyce Manufacturing Co Ltd

Lock Division Purchase Dept
Plant No. 18-A, Pirojshanagar, Vikhroli,
Mumbai, Maharashtra
India 400079
Tel; +91 22 67965815, Fax: +91 22 67964911
Email: djd@godrej.com
Web: www.godrej.com

This company supplies a range of locks and architectural hardware in India and is noted for being the largest manufacturer for its most trusted brands known for their quality and durability.

Halo Aerospace Laboratories UK Ltd

Unit 5 Heaten Business Park
Vickers Industrial Estate
Mellishaw Lane, Morecambe LA3 3EN
Tel: 01524 844321, Fax: 01524 844321
Email: aerospace@halolaboratoriesuk.com
Web: www.halolaboratoriesuk.com

Aerospace and commercial non - destructive testing (DPI, MPI, UT, ET, VT, RT), salt spray testing, chemical analysis and surface treatments including acid etch; chromic, sulphuric and hard anodising; Alocrom 1200; Irridite; passivation; copper & bronze plating and shot blasting.

Surface Finishing Engineering Ltd

Unit 2A, Webner Industrial Estate, Ettingshall Road
Wolverhampton WV2 2LD
Tel: 01902 409186, Fax: 01902 497265
Email: d.addison@sfeuk.com Web: www.sfeuk.com

Specialists in the design and installation of metal finishing process lines, repair and modifications to existing plant, manual to computer controlled automatic installations with data acquisition facilities where necessary.

Interplex PMP Ltd

Elliot Industrial Estate
Arbroath, Scotland, DD11 2NN
Tel: 01241 873867, Fax: 01241 879597
Web: interplex.com

Manufacturers of precision components including stamped and plated parts, plastic mouldings (including insert and in-line moulding), assemblies and tape and reel packaging for the automotive, medical and electronics industries.

Call for Papers



Representing finishing professionals in
surface engineering and coatings
since 1925



Institute of Circuit Technology (ICT)

ICT are pleased to announce their 37th Annual Symposium will be held on Wednesday 1st June 2011

Coventry University TechnoCentre

Coventry University Technology Park

The event is being held in collaboration with the Sonochemistry Centre, at Coventry University and is being supported by Ventec-Europe. The event is free to ICT members. The theme will be 'Complex PCB solutions. The symposium will address and seek to provide advice and support for the various issues involved in complex PCBs from material to finish. There will also a table top exhibition.

Further details: Bill Wilkie, Technical Director ICT. Tel: 01573 226131

OUT and ABOUT

Sustainability Live + Environmental Technology

+IWEX 24 –26 April 2011, NEC, Birmingham

www.sustainabilitylive.com

Safety & Health Expo 17 – 19 May 2011, NEC,
Birmingham

www.safety-health-expo.co.uk

Surface World + Correx 2011

1 – 3 November 2011, NEC, Birmingham

Tel; 01442 826 826

www.surfaceworldshow.com