



by **SpecialChem**



## Plan your Adhesive and Sealant training in 2009 with our live online courses!

Learn from industry-renowned experts and save time and money by learning without leaving your desk!

### What are Adhesive and Sealant e-Training Courses?

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e-Training Courses are live, online presentations from industry-renowned experts. You can attend a training course with an Internet connection and separate phone line. There is a chance to interact with the presenters at the end of the presentation during a Q&A session.

### Who are the courses for ?

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The courses have been designed for all **technical / R&D staff involved in the adhesives and sealants industry**. The courses mainly **focus on formulation and application**.

### What are the different courses types?

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Having listened to some of your comments about our courses, we have decided to place each course into a specific group. This will make it easier for you to decide if a course is at the right level for you. The different course types are listed below:

**Technology Booster** - Benefit from the expert's know-how to optimize with a given technology (mostly for application engineers)

**Technology Essentials** - Clarify the benefit of this technology & learn how to get started

**Formulation Essentials** - Develop your formulation skills on solid & reliable background. Understand main factors impacting formulation performance & key ingredients to use

**Advanced Formulation** - Become able to optimize your formulation or solve recurring issues by learning from an experienced formulation expert

**Application Mapping** - Uncap your creativity for product development & expansion into new areas by reviewing application requirements

**Innovation Focus** - Clarify where a given technology stands in terms of capability & competition



## e Why have a calendar?

This calendar has been created to help you plan for your training needs better throughout the year. You can take advantage of discounts if you purchase more than one course at a time (call +44 (0)7832 116 723 to find out more)

## e How can I register for a single course?

You can view and register for our courses online at: <http://www.specialchem4adhesives.com/resources/etraining/>  
If a course is not listed, please call us on +44 (0)7832 116 723 or email us: [etc@specialchem.com](mailto:etc@specialchem.com)

## e How can I register for a multiple courses?

If you are interested in multiple courses please call us on: +44 (0)7832 116 723 or email us at [etc@specialchem.com](mailto:etc@specialchem.com) so we can arrange a customized proposal for your team's training needs.

## e What happens if I buy a course now but can't attend due to other commitments nearer the time?

If you book an online place for any course but wish to cancel a few days before the course, we cannot offer a refund, however if you inform us more than four weeks in advance we will happily let you attend another course of your choice instead.

## e How much do courses cost?

The average price of a course is €320, however, purchasing two courses at the same time entitles you to a 25% discount off the second course. We can also arrange tailor-made prices for you and your team for multiple courses and/or multiple attendees to one course – contact us to find out more: +44 (0)7832 116 723, [etc@specialchem.com](mailto:etc@specialchem.com)

## e Finally, why should you attend a SpecialChem Adhesives online course?

We have been running e-Training Courses since 2003 – last year alone over 2000 individuals were trained by 60 experts. Below are some of the things attendees have said about our courses:

### Isabelle BIRKEN, Arkema

«The SpecialChem online training course I attended really helped me increase my knowledge and made me be able to give better technical support to some of my clients. The second part was particularly useful in delivering hands-on knowledge that I can use day-to-day.»

### Donald L Smith, Kimberly-Clark Corp

«The pdf file of the presentation I received will be one I refer to frequently for internal training.»

## e Meet some of our experts



**Edward Petrie** – Edward Petrie has been active in the adhesives industry for over 35 years – both in the formulation side and the end-use sides of the industry. Mr. Petrie has been employed by two major global corporations (ABB and Westinghouse) as an internal consultant in adhesives and polymeric materials. In both corporations he was part of the Central Research Laboratories and assisted all of the divisions within the organization. His expertise includes material and process selection, testing, formulating, substrate preparation, and quality control with emphasis on the end-user application and performance requirements. Applications include structural as well as non-structural joining of all materials. He is also Technical Advisor and Consultant to Specialchem4adhesive.com where he manages the technical hotline, allowing him to stay close to the needs and problems of formulators.



**John Bishopp** - John Bishopp is a Fellow of the Institute of Materials, Minerals and Mining and a Member of the Royal Society of Chemistry. He has a profound knowledge of the science of adhesion and a long – nearly forty years – track record in the development of structural adhesives: as an individual bench chemist and then as the leader of Hexcel Composites' worldwide Adhesive R and D Group.





## Print off the calendar below and stick it on your wall or pass it around your colleagues!

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To register for a course, call us: **+44 (0)7832 116 723**  
or send us an email at [etc@specialchem.com](mailto:etc@specialchem.com)

Structural Adhesives

Adhesive and Sealant Testing

Automotive Adhesives and Sealants

Go Green with Adhesives and Sealants!

Saving costs

| Date             | e-Training Courses title                                                                       | Expert speaker | Course type            |
|------------------|------------------------------------------------------------------------------------------------|----------------|------------------------|
| <b>January</b>   |                                                                                                |                |                        |
| 27 <sup>th</sup> | A Review of Current Trends in Surface Pretreatment prior to Structural Adhesive Bonding Part 2 | John Bishopp   | Technology Booster     |
| <b>February</b>  |                                                                                                |                |                        |
| 4 <sup>th</sup>  | Adhesives selection and datasheet interpretation                                               | Ed Petrie      | Formulation Essentials |
| <b>March</b>     |                                                                                                |                |                        |
| 11 <sup>th</sup> | Adhesives for the automotive industry – Part 1                                                 | Ed Petrie      | Formulation Essentials |
| 25 <sup>th</sup> | Adhesives for the automotive industry – Part 2                                                 | Ed Petrie      | Application Mapping    |
| <b>April</b>     |                                                                                                |                |                        |
| 15 <sup>th</sup> | Biopolymers in adhesives                                                                       | Ed Petrie      | Innovation focus       |
| <b>May</b>       |                                                                                                |                |                        |
| 13 <sup>th</sup> | Failure analysis of structural adhesives                                                       | Ed Petrie      | Advanced Formulation   |
| <b>June</b>      |                                                                                                |                |                        |
| 24 <sup>th</sup> | New adhesives & sealant market                                                                 | Ed Petrie      | Application Mapping    |
| TBA              | Testing of toughened epoxy                                                                     | John Bishopp   | Formulation Essentials |
| <b>September</b> |                                                                                                |                |                        |
| 16 <sup>th</sup> | Starch Adhesives for Corrugated Packaging                                                      | Ed Petrie      | Formulation Essentials |
| <b>October</b>   |                                                                                                |                |                        |
| 13 <sup>th</sup> | Cost Reduction of Adhesives and Sealants, Part 1                                               | Ed Petrie      | Advanced Formulation   |
| 27 <sup>th</sup> | Cost Reduction of Adhesives and Sealants, Part 2                                               | Ed Petrie      | Technology Booster     |
| <b>December</b>  |                                                                                                |                |                        |
| TBA              | Use of reactive solvents / epoxy formulations                                                  | Ed Petrie      | Formulation Essentials |

**Accelerate your R&D and technical skills with applied knowledge with live, online courses created by industry-renowned experts!**



Tel: +44 (0)7832 116 723  
Email: [etc@specialchem.com](mailto:etc@specialchem.com)

## ORDER FORM

The easiest way to register for a course is to call us on **+44 (0)7832 116 723** or send us an email: **etc@specialchem.com**. You can register online for the courses that are being held in the next 6 weeks or so here: <http://www.specialchem4adhesives.com/resources/etraining/>

Alternatively, fill in the form below and fax it to us on: **+33 (0)1 72 76 39 01** or scan it and email it to **etc@specialchem.com**. You can also post it to us at: e-Training Courses, SpecialChem, 100 rue Petit, Paris, 75019, France.

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