

**NMW14 – AUSPLAS 13 - 16 May 2014**



Visit us on Stand No 3035.

NMW14 is the only fully integrated annual manufacturing exhibition showcasing the latest products and constantly evolving technologies. With manufacturing more competitive than ever, manufacturers are constantly seeking improvements to enhance efficiency and boost profitability. NMW allows you to source the latest products and services across all industry sectors, in one place at one time. In 2014 NMW will be introducing a host of exciting new features including the incorporation of Australia's premier plastics exhibition - **Ausplas**.

**Ausplas** will be held alongside NMW 14 at Sydney Showground, Sydney Olympic Park. This is the first time in 24 years Ausplas will be staged in Sydney. **Pacific Urethanes** is exhibiting again and will be showcasing the latest polyurethane systems technology.

OMS is one of the world's leading manufacturers of polyurethane dispensing machines and manufacturing plants. OMS will have a representative available at our stand, to discuss the latest developments in polyurethane application equipment and technology.

To arrange an appointment on our stand during the exhibition please contact us on 1300 736 963.

Visit the NMW website for further information.  
<http://www.nationalmanufacturingweek.com.au/en/>

**Pacific Urethanes Mercury Free Elastomer Systems now available**

Legislation relating to the use of mercury based compounds in polyurethane systems has resulted in severe restriction in their use and supply. Mercury based catalysts are unique as they give a long induction period during which the mixed system remains liquid and easily flows. This is followed by a rapid gel, with the gel phase representing only 10% of the total gel time. The mercury based catalysts are specific to the polyol/ isocyanate reaction and any traces of water in the system do not cause a foam reaction to take place.

**Pacific Urethanes** has conducted an extensive research programme to develop mercury free elastomer systems for a broad range of applications. These utilise a combination of novel polyurethane catalysts, self-catalysing polyols and newly developed MDI based prepolymers to achieve completely mercury free elastomer systems. The resulting systems have reaction/gel profiles similar to those from mercury free based systems with application including fast reacting RIM spray and slower reacting castable systems with a hardness range of 20A to 90D.



**Polyurethane Spray Foam Application**

Simplot recently awarded the contract to Coat O' Foam Pty Ltd for insulating their 3800 square metre potato shed in Scottsdale Tasmania.

**Pacific Urethanes** supplied the polyurethane system **UrePac® Rigid 3 48** - a high load bearing 48 kg/m3 density spray foam.

The insulation was commissioned by Simplot to prevent the continuing condensation issues resulting from their current insulation.

**The work was carried out in February and was completed much earlier than the anticipated date due to the ease of use and the fast turnaround times of "spray in place" polyurethane insulation.**



**Introducing our Staff Members**

**Our people are the core of our business.**

Lisa Code joined the Pacific Urethanes team in January and has already had a significant impact on the efficient operation of our laboratory.

Lisa has many years of experience in the polyurethane industry working with Gerard and Owen.

She then took timeout to start a family and spent 4 years in the United States with her husband Simon in South Carolina.

Quality Control, sample development and preparation together with general laboratory management are Lisa's main focus.

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Extensive research programme to develop mercury free elastomer systems.  
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**Polyurethane Spray Foam Application**

Pacific Urethanes supplied the polyurethane system for Coat O' Foam commissioned by Simplot.  
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**Meet our staff**

Lisa Code [Read More](#)



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