



PRESS RELEASE

Date: 16th October 2017

Hot & Sticky

High temperature adhesive DELO® MONOPOX HT760 now available in the UK and Ireland

Andover, United Kingdom – Inseto, a leading technical distributor of equipment and materials, has added DELO® MONOPOX HT760 to its extensive range of products from DELO Industrial Adhesives. Ideal for a variety of automotive, aerospace and oil & gas sector applications, DELO® MONOPOX HT760 is a high temperature, heat-cured anhydride adhesive. It boasts a high bond strength after long-term aging (1,000 hours at 250°C) and at temperature (also 250°C), as well as having good temperature stability and thermal and chemical resistance.

Eamonn Redmond, Sales Manager, comments: “Many applications now require adhesives that can survive high temperatures and still bond well. In the oil & gas sector, for example, product extraction temperatures can be over 200°C. And in the automotive sector, several fluids are used which can compromise bond integrity.”

In tests, DELO® MONOPOX HT760 demonstrated a bond strength (compression shear strength on ceramics) of 43MPa when tested at room temperature. After 500 hours at 250°C, cooling and subsequent increases in temperature the test results were: 52MPa at room temperature, 15MPa at 200°C, 12MPa at 220°C and almost 10MPa at 250°C. Also, in compression shear strength tests - FR4 on FR4 after 20 minute of curing at 150°C, subsequent cooling and exposure to typical automotive fluids - the following results were produced: 47MPa for diesel, 44MPa for petrol and 43MPa for ATF gear oil.

Unlike most specialist adhesives for harsh environment industrial applications, DELO® MONOPOX HT760 can be ordered in minimum order quantities as low as 200g; supplied as four 50g syringes. Redmond notes: “All adhesives have a finite shelf life so ordering large quantities can prove wasteful in the long-run. At Inseto, our

philosophy is one of *Total Customer Service*, and we are committed to working with all customers to understand their processes and supply them with made-to-order adhesives in suitable quantities and at optimum intervals. Also, our relationship with DELO is such that we frequently get involved in specifying changes to the chemistry of some adhesives for bespoke applications.”

Inseto is DELO Industrial Adhesives’ exclusive distributor in the UK and Ireland. Products available through Inseto include an extensive range of UV cured or light activated epoxies, light cured acrylates, light / heat cured epoxies, dual curing materials, light / anaerobic curing adhesives, 2 part polyurethanes, 1 & 2 part epoxies, cyanoacrylates and single part silicones. For further information on these products please visit <https://www.inseto.co.uk/adhesives.php>.

MAIN ENDS



Inseto adds DELO® MONOPOX HT760 - a high temperature, heat-cured anhydride adhesive - to its extensive range of products from DELO Industrial Adhesives.

About Inseto (UK) Limited

Established in 1987 and ISO 9001:2015 Certified since 2005, Inseto is a leading technical distributor of equipment and related materials to the semiconductor, microelectronic & advanced technology sectors, as well as adhesives for electronics, automotive and industrial manufacturing.

The company has three divisions, namely:

- **Equipment Division**, which provides manufacturing equipment for the Microelectronic, Photonic, Electronic, Photovoltaic and Semiconductor industries etc.
- **Consumable Division**, which provides assembly materials and machine consumable items for the Semiconductor, Electronic, Microelectronic, Photonic MEMS and Hybrid assembly industries etc.
- **Adhesive Division**, which provides technically advanced adhesives for bonding, sealing and encapsulation, and which exclusively represents DELO Industrial Adhesives in the UK and Ireland.

Inseto is based in Andover in a high-tech building that houses an adhesives application laboratory, demonstration areas for equipment and instrumentation, and training rooms.

Customer support is at the heart of Inseto's *Total Customer Service* philosophy, where the company aims to understand, communicate and fulfil the needs of its customers. The company is committed to meeting customer requirements through the application of high standards of quality and customer care (both before and after sales) by continually investing in training and adopting a policy of continuous improvement.

For further information please visit www.inseto.co.uk

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