Bluestar Presents Soft Silicone Advantages

MDT Staff

Bluestar Silicones will show its Silbione® brand soft silicone technologies at the Medical Design & Manufacturing (MD&M) West Conference (Booth #1761), February 12-14. These technologies include low durometer liquid silicone rubber (LSR), room temperature vulcanized (RTV) silicones, gels and skin adhesives, and it’s new patent pending silicone foam.

Technical Leader Dr. Umar Latif, Ph.D., will present “Soft Silicones Offer Unique Advantages for Healthcare Applications,” in the Innovation Brief Theater on Thursday, February 14 at 11:30 a.m.

According to Dr. Latif, unique physical performance attributes such as high tear strength and elongation, can now be achieved in very low durometer soft silicones, enabling a much broader range of applications in the healthcare arena.

Bluestar Silicones new 1 Shore A hardness product, Silbione LSR 4301, uniquely combines strong physical properties and easy processing in a low-durometer material. The product rounds out Bluestar’s -05 and -10 ShA soft LSR range, delivering high tear strength and high elongation for soft cushioning and vibration dampening applications.

The company’s patent pending silicone foam technology offers low density open cell

silicone foam for flexible, breathable yet durable applications. This innovation was honored as Frost & Sullivan's Product Differentiation Award in 2012.

In addition to its soft silicone technologies, Bluestar Silicones offers a full range of silicone technologies for the healthcare industry including LSR, high consistency rubbers (HCR), room-temperature vulcanized silicones (RTVs), skin adhesive tacky gels, cushioning gels and permanent adhesives.

Most of these healthcare grade technologies are manufactured locally at Bluestar Silicones' new facility located in York, S.C., which opened in June 2012.

For more information, visit www.bluestarsilicones.com [1].

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