

PRESS RELEASE

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WACKER Presents New Silicone Adhesive Gel with Enhanced Tack for Wound Care

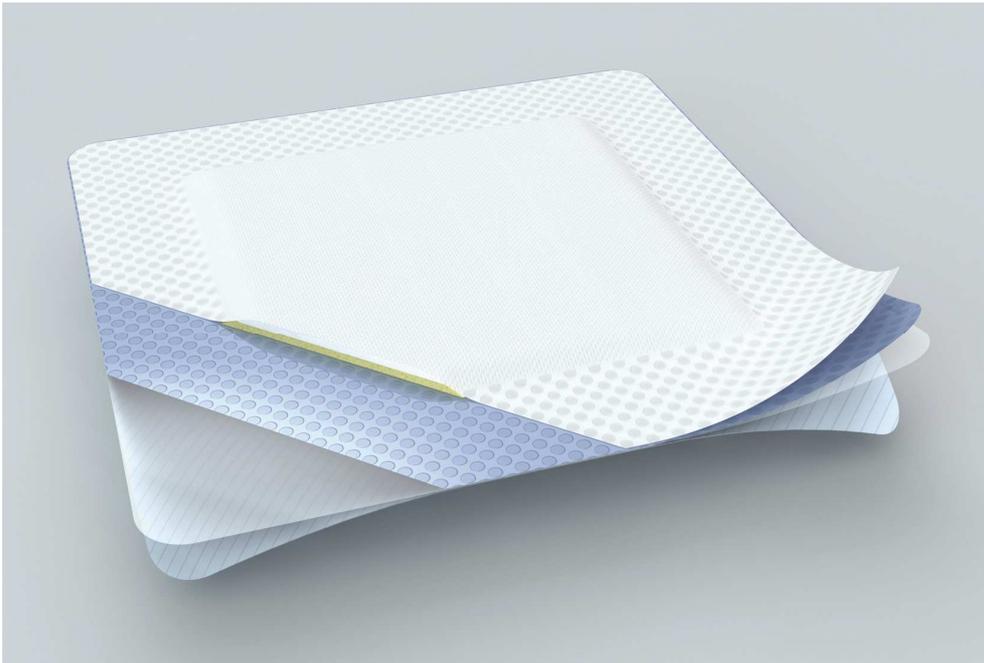
Munich, May 13, 2015 – WACKER, the Munich-based chemical group, will be showing a new high-tack silicone adhesive gel developed expressly for medical applications at the 25th Conference of the European Wound Management Association (EWMA) in London, United Kingdom. Marketed under the trade name SILPURAN® 2117, it is especially well-suited for skin-friendly adhesive applications such as those found in advanced wound care. Dressings using the high purity silicone adhesive gel remain reliable and durable, yet stay soft and flexible, thus enabling atraumatic dressing changes. EWMA 2015 takes place from May 13 through May 15.

SILPURAN® 2117 was uniquely developed and formulated by WACKER to provide advantageous properties such as enhanced tack in direct skin applications and where hypo-allergenic skin adhesion is a crucial requirement. Dressings made using this soft silicone gel are breathable due to high vapor permeability of the silicone, protect the wound site from bacteria, are waterproof and help promote an optimized healing environment. The gentle properties of SILPURAN® 2117 silicone adhesive gel enable easy removal without causing damage or pain to the surrounding skin area.

Excellent tack makes SILPURAN[®] 2117 the preferred choice for direct skin adhesive wound care and prosthetic medical device applications while at the same time exhibiting the benefits associated with typical silicone properties. It is chemically inert, heat-resistant and remains flexible at temperature extremes ranging from -50 to +200 °C. Free from organic plasticizers and stabilizers, this two-part A/B component adhesive has passed selected tests for bio-compatibility according to ISO 10993 and USP (United States Pharmacopeia) Class VI.

SILPURAN[®] 2117 and all SILPURAN[®] product grades are manufactured, filled and packaged according to WACKER's own standard for medical raw materials (WACKER CLEAN OPERATIONS) in an ISO Class 8 Clean Room environment.

Visit WACKER at EWMA 2015 at booth 7-30.



An example of SILPURAN[®] 2117 used in a typical application in an advanced wound care dressing. (photo: Wacker Chemie AG)

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The company in brief:

WACKER is a globally active chemical company with some 16,700 employees and annual sales of around €4.83 billion (2014). WACKER has a global network of 25 production sites, 21 technical competence centers and 48 sales offices.

WACKER SILICONES

Silicone fluids, emulsions, rubber and resins; silanes; pyrogenic silicas; thermoplastic silicone elastomers

WACKER POLYMERS

Polyvinyl acetate and vinyl acetate copolymers in the form of dispersible polymer powders, dispersions, solid resins and solutions used as binders for construction chemicals, paints and coatings, adhesives, plasters, textiles and nonwovens, as well as for polymeric materials based on renewable resources

WACKER BIOSOLUTIONS

Biotech products such as cyclodextrins, cysteine and biologics, as well as fine chemicals and PVAc solid resins

WACKER POLYSILICON

Polysilicon for the semiconductor and photovoltaics industries

Siltronic

Hyperpure silicon wafers and monocrystals for semiconductor components