

# NEW PRODUCT RELEASE

For Immediate Release  
May 20, 2009

Contact: Applications Engineering

## Multipurpose DYMAX Adhesive Enables High-Speed Medical Device Assembly

Achieve high-speed, high-volume needle bonding assembly with DYMAX Ultra-Red™ fluorescing 1180-M-UR. This multipurpose MD® Medical Device adhesive cures upon exposure to UV or visible light and is designed for rapid bonding of plastics and metals typically used in the manufacture of syringes and needles. 1180-M-UR is available in thixotropic (5,000 cP) and low (150 cP) viscosities, and fluoresces bright red under low-intensity “black” light (365 nm). The bright red fluorescence contrasts extremely well on plastics that naturally fluoresce blue in color (like PVC), and greatly assists with visual inspection of bond-line areas.

This solvent-free adhesive is ISO 10993 approved and compatible with gamma, EtO, and E-Beam sterilization. Its ability to cure in fractions of a second enables faster processing, greater output, and lower processing costs. Besides needle bonding, 1180-M-UR is suitable for the assembly of reservoirs and transducers as well as medical potting applications.

DYMAX light-curing spot lamps, focused beam lamps, and flood lamps offer the perfect balance of UV/visible light for adhesive curing. MD® Medical Device adhesives, when cured with DYMAX lamps, deliver optimum speed and

---

DYMAX Corporation - 318 Industrial Lane - Torrington, CT 06790 - Phone: 860-482-1010 - Fax: 860-496-0608 - E-mail: [info@dymax.com](mailto:info@dymax.com) - [www.dymax.com](http://www.dymax.com)

DYMAX Europe GmbH - Trakehner Strasse 3 - D-60487 Frankfurt am Main - Germany - Phone: 0049-69-7165-3568 - Fax: 0049-69-7165-3830 - E-mail: [dymaxinfo@dymax.de](mailto:dymaxinfo@dymax.de) - [www.dymax.de](http://www.dymax.de)

DYMAX UV Adhesives & Equipment (Shenzhen) Ltd - Unit 807, Talfook Building, No. 9 Shi Hua Road, Futian Free Trade Zone, Shenzhen, China 518038 - Phone: 86.755.83485759 - Fax: 86.755.83485760 - E-mail: [dymaxasia@dymax.com](mailto:dymaxasia@dymax.com) - [www.dymax.com.cn](http://www.dymax.com.cn)

DYMAX Asia (HK) - Unit 1006, 10/F., Camarvon Plaza, No. 20, Camarvon Road, T.S.T., Kowloon, Hong Kong - Phone: 852-2460-7038 - Fax: 852-2460-7017 - E-mail: [dymaxasia@dymax.com](mailto:dymaxasia@dymax.com) - [www.dymax.com.cn](http://www.dymax.com.cn)

DYMAX®, Light Weld®, Light-Welder®, Multi-Cure®, Ultra Light-Weld®, MEDI-CURE®, MD® and SPEEDMASK® are registered trademarks of DYMAX Corporation

performance for medical device assembly. DYMAX light-curing lamps are in full compliance with the RoHS Directives 2002/95/EC and 2003/11EC.

DYMAX Corporation is a leading technology-based company specializing in the formulation, manufacture, and service of advanced assembly adhesives, coatings, epoxies, masking resins, and light-curing systems.

For more information, contact DYMAX Corp., 318 Industrial Lane, Torrington, CT 06790; Phone: 860-482-1010; Fax: 860-496-0608; Toll Free: 1-877-DYMAX-MD (1-877-396-2963); e-mail: [info@dymax.com](mailto:info@dymax.com) or visit our website at [www.dymax.com](http://www.dymax.com).

**CAPTION:** DYMAX Ultra-Red™ 1180-M-UR adhesive fluoresces bright red under low-intensity “black” light.



**DYMAX Corporation** - 318 Industrial Lane - Torrington, CT 06790 - Phone: 860-482-1010 - Fax: 860-496-0608 - E-mail: [info@dymax.com](mailto:info@dymax.com) - [www.dymax.com](http://www.dymax.com)

**DYMAX Europe GmbH** - Trakehner Strasse 3 - D-60487 Frankfurt am Main - Germany - Phone: 0049-69-7165-3568 - Fax: 0049-69-7165-3830 - E-mail: [dymaxinfo@dymax.de](mailto:dymaxinfo@dymax.de) - [www.dymax.de](http://www.dymax.de)

**DYMAX UV Adhesives & Equipment (Shenzhen) Ltd** - Unit 807, Talfook Building, No. 9 Shi Hua Road, Futian Free Trade Zone, Shenzhen, China 518038 - Phone: 86.755.83485759 - Fax: 86.755.83485760 - E-mail: [dymaxasia@dymax.com](mailto:dymaxasia@dymax.com) - [www.dymax.com.cn](http://www.dymax.com.cn)

**DYMAX Asia (HK)** - Unit 1006, 10/F., Carnarvon Plaza, No. 20, Carnarvon Road, T.S.T., Kowloon, Hong Kong - Phone: 852-2460-7038 - Fax: 852-2460-7017 - E-mail: [dymaxasia@dymax.com](mailto:dymaxasia@dymax.com) - [www.dymax.com.cn](http://www.dymax.com.cn)

DYMAX®, Light Weld®, Light-Welder®, Multi-Cure®, Ultra Light-Weld®, *MEDI-CURE*®, MD® and *SPEEDMASK*® are registered trademarks of DYMAX Corporation



# # #

Technical data provided is of a general nature and is based on laboratory test conditions. DYMAX does not warrant the data contained in this bulletin. Any warranty applicable to the product, its application and use is strictly limited to that contained in DYMAX standard Conditions of Sale. DYMAX does not assume responsibility for test or performance results obtained by users. It is the user's responsibility to determine the suitability for the product application and purposes and the suitability for use in the user's intended manufacturing apparatus and methods. The user should adopt such precautions and use guidelines as may be reasonably advisable or necessary for the protection of property and persons. Nothing in this communication shall act as a representation that the product use or application will not infringe on a patent owned by someone other than DYMAX or act as a grant of license under any DYMAX Corporation Patent. DYMAX recommends that each user adequately test its proposed use and application before actual repetitive use, using the data in this communication as a general

---

**DYMAX Corporation** - 318 Industrial Lane - Torrington, CT 06790 - Phone: 860-482-1010 - Fax: 860-496-0608 - E-mail: [info@dymax.com](mailto:info@dymax.com) - [www.dymax.com](http://www.dymax.com)

**DYMAX Europe GmbH** - Trakehner Strasse 3 - D-60487 Frankfurt am Main - Germany - Phone: 0049-69-7165-3568 - Fax: 0049-69-7165-3830 - E-mail: [dymaxinfo@dymax.de](mailto:dymaxinfo@dymax.de) - [www.dymax.de](http://www.dymax.de)

**DYMAX UV Adhesives & Equipment (Shenzhen) Ltd** - Unit 807, Talfook Building, No. 9 Shi Hua Road, Futian Free Trade Zone, Shenzhen, China 518038 - Phone: 86.755.83485759 - Fax: 86.755.83485760 - E-mail: [dymaxasia@dymax.com](mailto:dymaxasia@dymax.com) - [www.dymax.com.cn](http://www.dymax.com.cn)

**DYMAX Asia (HK)** - Unit 1006, 10/F., Camarvon Plaza, No. 20, Camarvon Road, T.S.T., Kowloon, Hong Kong - Phone: 852-2460-7038 - Fax: 852-2460-7017 - E-mail: [dymaxasia@dymax.com](mailto:dymaxasia@dymax.com) - [www.dymax.com.cn](http://www.dymax.com.cn)

DYMAX®, Light Weld®, Light-Welder®, Multi-Cure®, Ultra Light-Weld®, *MEDI-CURE*®, MD® and *SPEEDMASK*® are registered trademarks of DYMAX Corporation

