

NEWS RELEASE

For Immediate Release
September 1, 2010

Contact: Applications Engineering

DYMAX Conformal Coating 9481 Mitigates Tin Whisker Formation

DYMAX [Dual-Cure 9481](#) cures in seconds to protect delicate circuitry on tin solder joints. Conformal coatings are recommended for retarding whisker growth, which can lead to catastrophic device failure. DYMAX 9481, with a high cured durometer, is especially useful for prolonging device longevity. The low viscosity is ideal for spray application through manual or automated dispensing systems. The flow characteristics have been designed to ensure fast coverage without migration to areas where protection is not needed.

Curing in seconds upon exposure to UV/Visible light, 9481 exhibits excellent adhesion to PCB surfaces. The cured coating forms a transparent layer which protects underlying circuitry and components from moisture, dust, and other contaminants. Process cost reduction is achieved as a result of cure cycles typically less than five seconds.

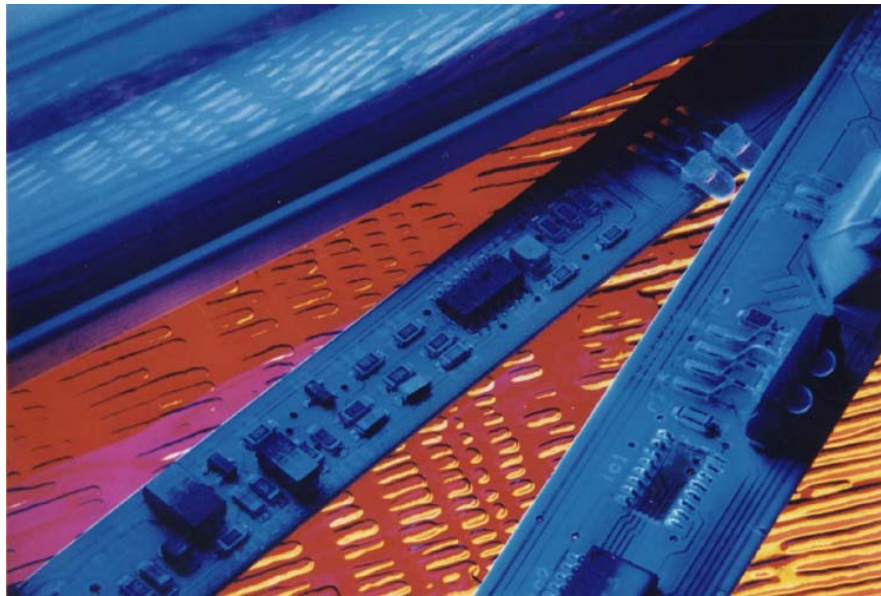
Like other [DYMAX coatings](#), 9481 is a durable resin with excellent electrical properties, and meets the most common industry specifications, including MIL-I-46058C and IPC-CC-830B. 9481 has extremely high chemical resistance, providing superior protection in severe service environments.

[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-UV (1-877-396-2988); e-mail: info@dymax.com or visit our website at www.dymax.com.

CAPTION

DYMAX Dual-cure 9481 conformal coating mitigates tin whisker formation.



#

© 2010 DYMAX Corporation. All rights reserved. All trademarks in this guide, except where noted, are the property of, or used under license by DYMAX Corporation, U.S.A. The data contained in this bulletin 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's 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 bulletin shall act as a representation that the product use or application will not infringe 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 contained in this bulletin as a general guide. P218

DYMAX Corporation - 318 Industrial Lane - Torrington, CT 06790 - Phone: 860.482.1010 - Fax: 860.496.0608 - E-mail: info@dymax.com - www.dymax.com

DYMAX Europe GmbH - Trakehner Strasse 3 - D-60487 Frankfurt am Main - Germany - Phone: +49 (0) 69 / 7165-3568 - Fax: +49 (0) 69 / 7165-3830 - E-mail: dymaxinfo@dymax.de - 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 - 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 - www.dymax.com.cn

DYMAX Korea LLC - #903, CCMM B/D, 12 Yeoido-Dong, Youngdungpo-Gu, Seoul, Korea, 150-869 - Phone: 82-2-784-3434 - Fax: 82-2-784-5775 - E-mail: info@dymax.kr - www.dymax.co.kr