

# Scotch-Weld™

## EW3010

### 1-part Epoxy Adhesive

#### Product Description

EW3010 is an Aluminum filled 1-part epoxy adhesive.

Its features are,

- Halogen compliant
- Excellent peel strength
- High heat resistance

#### Typical Uncured Properties

Base Resin	Epoxy
Color	Gray
Specific Gravity	1.2
Solvent	None
Viscosity	30 – 60 Pa·s

Viscosity : Cone-Plate type viscometer

#### Typical Adhesive Performance

1. Overlap shear strength@Aluminum (A2024P, FPL etched)

Measurement Temperature (deg.C)	25
Overlap Shear Strength (MPa)	31

2. T-peel strength @Aluminum (A1050P, FPL etched)

Measurement Temperature (deg.C)	25
T-peel strength (kN/m)	6

Curing condition: 140 degreeC 30min

## Direction for use

1. Dust, oils, mold release agents and all other surface contaminants must be completely removed and surface must be dried.
2. Warm this product to room temperature before opening containers to prevent moisture condensation on the surface of adhesive.
3. Heat cure using the following bondline temperature and time.  
120 degreeC 60min  
140 degreeC 30min
4. Keep parts from moving during cure. Contact pressure is necessary.
5. Cleanup can be accomplished with solvent such as Methyl Ethyl Ketone before heat cure.

## Storage

Store this product at 5deg.C or below for maximum storage life.

Warm this product to room temperature before opening containers to prevent moisture condensation on adhesive surface.

## Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product.

## NOTE

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed.

### Important Notice

3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's application.

—End of document —



住友スリーエム株式会社  
電子用製品事業部

〒158-8583  
東京都世田谷区玉川台2-33-1  
<http://www.mmm.co.jp/eas/>

Please Recycle. Printed in Japan  
©3M 2009. All rights reserved  
EMM-DS-EW3010 E

カスタマーコールセンター  
製品についてのお問い合わせはナビダイヤルで  
 **0570-011-007**  
ナビダイヤル。市内通話料金でご利用いただけます。  
受付時間/8:45~17:15 月~金(土・日・祝・年末年始は除く)  
カタログやサンプルのご請求はファックスまたはEメールで  
 **FAX 0120-282-369**  
E-mail: [eas-ccc.jp@mmm.com](mailto:eas-ccc.jp@mmm.com)