



## Advanced Adhesive Technology Workshop

**Date:** Tuesday, November 18, 2008  
**Morning Session:** 10:00 AM to 12:00 PM  
**Afternoon Session:** 1:00 PM to 3:00 PM  
**Equipment Showroom Open House:** 10:00 AM to 4:00 PM  
**Location:** Hardware Specialty Co., Inc.  
 430 Northboro Road Central  
 Marlborough, MA 01752  
 508-460-1232 ext. 206



# Advanced Adhesive Technology Workshop

Adhesive Technology Workshop

### A Value-Added Service Program

Learn how today's advances in adhesive technology will help you cut product costs and improve product quality. Recent innovations in adhesive technologies offer a wealth of design flexibility and new methods to consider. Now you can gain a working knowledge of the many options available for adhesive bonding in your assembly.

### Who Should Attend

- Engineering Management and Staff
- Design Engineers
- Process Engineers
- System Engineers
- Manufacturing Engineers
- Purchasing
- Anyone involved with reducing assembly costs and increasing quality



**Henkel Corporation**  
 Engineering Adhesives  
 1001 Trout Brook Crossing  
 Rocky Hill, CT 06067

# Adhesive Technology Workshop

## Course Information

The Adhesive Technology Workshop offers a unique forum to learn the latest technologies available for designing and assembling components with adhesives. This comprehensive training program will provide participants with a broader knowledge of the various adhesive technologies available to design and manufacture world class quality products. Participants will gain an understanding of the various types of adhesives, including advantages and limitations, and will cover the essential considerations for choosing the best adhesive solution.

## Objective

- Design joints for optimum strength
- Bond similar or dissimilar materials
- Bond metals, plastics, rubber, glass, and more
- Select the right adhesive technology
- Process adhesives in high volume production environments
- Calculate the labor, material, and process savings achieved with adhesive technology

## Equipment Showroom

Henkel has joined forces with your local Loctite® products Distributor to bring you the Equipment Showroom – a complete display of the latest Loctite® Dispensing and Light Curing Equipment – to give you hands-on experience before making an investment. Certified by Henkel, distributor personnel have been thoroughly trained on each piece of equipment and are available to assist you in testing and selecting the right system for your specific assembly needs.

## FREE Technical Assistance

Our adhesive and sealant specialists will hold an open discussion period after the program. Bring your parts, prints, and problems with you. We'll review your specific application and suggest new and improved methods, solve your tough assembly problems, or help you in any way we can without cost or obligation.

## Training Sessions

### Basics of Selecting an Adhesive Dispenser

This 30-minute session\* will cover:

- Understanding dispensing principles
- Manual, semi-automatic, automatic dispensing
- Adhesive compatibility
- Integration with other equipment
- Maintenance
- Troubleshooting

Dispensing equipment featured at the showroom:

- Hot melt applicators
- Syringe dispensers
- Fluid reservoirs
- Dispense valves
- Hand held applicators

### Basics of Selecting a Light Cure System

This 30-minute session\* will cover and demonstrate:

- How light cure adhesives cure
- Static curing versus an in-line process
- How different lamp types effect curing
- Lamp life versus lamp type
- Customizing a curing system
- Safety

Curing equipment featured at the Showroom:

- UV wand systems
- Flood cure systems

*\*Contact your Equipment Showroom Distributor for session times*

## Space is Limited, So Register Early!

To register for the Advanced Adhesive Technology Workshop, please follow the instructions outlined below. If you have any questions concerning the Workshop or Equipment Showroom Open House, please contact your local Loctite products representative.

## Contact:

**Beth Kelley**  
**Marketing Coordinator**  
**Hardware Specialty Co., Inc.**  
**430 Northboro Road Central**  
**Marlborough, MA 01752**  
**508-460-1232 ext. 206**

*Registration will be done via E-mail*

Please E-mail Beth at:  
**[bkelly@hardwarespecialty.com](mailto:bkelly@hardwarespecialty.com)**

Your E-mail response should include:

**Company Name and Address**  
**Name(s) of Attendees**  
**The Session you will be attending**

### Additional Training Details

- All Training Materials will be included
- Lunch will be provided from 12:00 PM to 1:00 PM
- For directions, please refer to the web site: [www.hardwarespecialty.com](http://www.hardwarespecialty.com)