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In the Spotlight

New Loctite® Epoxy and “Epoxy Alternative” MRO Bonding Solutions

The Loctite® line of maintenance and repair products has been dramatically expanded to include a range of “structural” adhesives designed to permanently bond substrates together, effectively replacing mechanical fasteners.

Ideal for quick repairs or permanent assembly, these innovative new products will resist severe environments, bond dissimilar materials and fill gaps from 1 mm to ¼-inch. Package designs and sizes are appropriate and convenient for maintenance and repair applications.



New MRO bonding technologies include:

- an ultra-tough epoxy containing Kevlar® for exceptional shock, vibration, impact and peel resistance
- a high temperature epoxy that stays strong to 400°F
- a chemically-resistant adhesive that resists 20 common aggressive chemicals
- a fast-setting acrylic adhesive that sets in 20 seconds and develops full strength in 30 minutes
- a clear epoxy that returns the assembly to service after just 5 minutes, bonds virtually any material and provides excellent moisture resistance
- pre-measured mixer cups of a fast curing (5 minute) epoxy suited for small volume applications
- an acrylic adhesive specifically designed for bonding plastics with no surface preparation
- a gap filling acrylic adhesive that bonds to most metals and sets in just 15 minutes
- Loctite® Power Grab, a heavy-duty, high strength construction-grade adhesive for interior or exterior building projects and repairs

These high strength adhesives are specially packaged for the MRO users' convenience. Adhesives are available in single-use, portable Burst Packs; 25 ml manual syringes; dual kits containing two separate tubes for two-part adhesive systems; 25 ml kits that combine adhesive and activator; cartridges for controlled application; and 1 oz. and 12 oz. mixer cups with mixing sticks for hand applied, small volume applications.

For more information, call 1-800-LOCTITE (562-8483) or visit www.loctitemrobonders.com.

What's New

Loctite® Flextec® Technology for Maintenance and Repair

For bonding and sealing applications where flexibility is critical, Loctite® has introduced a patented new adhesive and sealant technology called Flextec®. These flexible, paintable products can be used in place of silicones for bonding, sealing and filling gaps as large as ¼-inch.

The three unique Flextec® products are highly resistant to movement, vibration,



What's New (cont'd.)

impact and thermal expansion. These permanently elastic, primerless formulations bond and seal a variety of rigid substrates including metals, glass, tile, marble, concrete, wood and plastics. All are UV-resistant, offer high initial tack strength and achieve functional strength in just 24 hours.

Available in white, grey or black, Loctite® 5510 Adhesive/Sealant can fill and seal gaps as large as ¼-inch. Clear Loctite® 5570 Adhesive/Sealant seals gaps and provides vibration and sound dampening benefits. Unique Loctite® 5570 White provides a very high strength bond, delivering structural strength, gap-filling and sealing capabilities.

All three single-component products dispense easily and can be cleaned up with soap and water prior to cure. Flextec® products are non-corrosive, odorless, non-toxic and free of solvents, isocyanates, silicones and PVC.

For more information, call 1-800-LOCTITE (562-8483) or visit www.henkelna.com/flextec.

Featured Promotions

useloctite.com Your guide to reducing downtime and extending equipment life



LoctiteJobDone.com The Ultimate Garage Contest and Loctite's Premier Social Community



Mr. No Respect

If you've ever been to a county fair, you know what to expect. The aroma of every type of food cooking, prized vegetables and farm animals on display, amusement rides, games of chance and, of course, the tractor pull.

Tractor pulling is a competition using tractors and large trucks to pull a heavy drag along a track; it's very popular in rural areas. The drag offers progressively greater resistance as it is pulled. It can be quite a spectacle as the vehicle produces a great deal of noise and smoke and tends to kick up dirt. They don't actually travel very far (a typical "full pull" is 300 feet) and is over in less than a minute.

This year, the Loctite® brand was proudly displayed on the fenders of the Mr. No Respect (a.k.a. Dave King) pulling team tractor. Henkel's Loctite® brand is Dave's number one sponsor. Dave has been competing in tractor pulling for over 30 years. He has a long history of using Loctite brand products to keep his tractor running under the most arduous conditions of vibration, heat and power. His tractor uses three injected, blown, big block 427 Chevys and puts out nearly 4,500 horsepower. "Using Loctite® is peace of mind in that I don't have to do it again. Do it once and it's done," says Dave.



Mr. No Respect is a member of the New York Tractor Pulling Association. He competes in the Modified Tractor class and finished the 2009 season with a second in Points ranking. For more information, visit www.mrnorepect.com. For Loctite® products, visit www.loctite.com.

What's New (cont'd.)

LOCTITE® 50 ML-F TUBE SQUEEZE DISPENSER

Item Number: 1083845

The Loctite® 50 ml Tube Squeezer is designed for dispensing all Loctite® products in 50 ml tubes. It improves bead positioning for anaerobic flange and gasket sealing applications. A key feature is the reduction of material that is left in the tube. This Tube Squeezer has an ergonomic and easy-to-use design.

Instructions:

- Step 1.** Lift plastic catch and fold down the tray.
- Step 2.** Drop in the adhesive package. Return the tray to original position and snap catch back into place.
- Step 3.** Dispense product by squeezing trigger.

Note: When dispensing PST® products with ribbon-tipped package, remove nozzle adapter.



| TECHNICAL SPECIFICATIONS | |
|--------------------------|---|
| Used to Dispense | Any Loctite® product in 50 ml tube |
| Package Types & Sizes | 50 ml tubes |
| Viscosity Range | Low to High |
| Parts Included | (1) 50 ml-F Tube Squeeze Dispenser (1) Plunger (1) Nozzel Adapter |

Focused Article

**Loctite® at Work in Food and Beverage Plants
Maintenance solutions for above and below the line**

For decades, food and beverage processors have relied upon high performance Loctite® products to solve daily maintenance challenges in areas of food contact and non-food contact, commonly referred to as above the conveyor line and below it. With solutions in threadlocking, thread sealing, bonding, lubricants, cleaners, gasketing and retaining compounds, we offer a comprehensive breadth of products with the most relevant and stringent agency approvals our customers need, including NSF, CFIA and FDA.



Our most recent innovation, Loctite® 2046™ Removable Threadlocker, for securing threaded fasteners, is the only threadlocking agent available that complies with the Federal Food, Drug, and Cosmetic Act, and other FDA regulations including 21 C.F.R.§175.300. With high speed equipment exposed to extreme temperatures and vibration, loosening fasteners can plague any manufacturing process; you can imagine the added importance of securing and sealing fasteners on any equipment that comes in contact with the food we eat. Loctite® 2046™ is the solution many manufacturers have been waiting for. Not only does it hold up to high temperatures and daily wash-downs but by filling the airspace in the threads, it eliminates a potential breeding ground for bacteria, mold and rust.

Henkel can help to improve quality, safety and efficiency, reduce operating costs and improve a plant's ability to compete in today's demanding production environment. Increasing the reliability of equipment in a plant is critical to success. Loctite® product specialists are available to work with food and beverage manufacturers to build customized plant maintenance training. Covering proper product selection, application techniques and basic failure modes, a comprehensive on-site workshop can be delivered in as little as two hours.

For more information visit, www.henkelna.com/2046 or call 1-800-LOCTITE (562-8483).

Engage Our Services

Maintenance Workshop Training Expanded

A new bonding training module to support the latest Loctite® brand innovations from Henkel is now available. These new innovations include:

- Flexible Instant Adhesives – designed to withstand heavy shock, impact and peel forces. Attributes that were not previously very strong in instant adhesive technology
- New Flextec® Technology – Henkel's proprietary formulation. The Flextec® line includes both flexible, large gap bonding and sealing products.
- A new complete line of highly advanced structural adhesives, each with specific functions or attributes, such as the new Metal Bonder, 5-Minute Bonder, and Chemical Resistant Bonder, just to name a few.
- Many new packaging innovations are included in the structural and instant adhesives lines as well.

All of these products have been incorporated into a new bonding module that trains industrial mechanics on the proper selection and use of these products. For more information or to schedule a Maintenance Workshop, call 1-800-LOCTITE (562-8483) or visit www.henkelna.com/training.

New Literature (Fall 2009)

Loctite® Products at Work in Food and Beverage Plants

(LT-5086) For decades, food and beverage processors have relied upon high-performance Loctite® products from Henkel Corporation to solve daily maintenance challenges.

Loctite® Bonding Solutions for Maintenance Brochure

(LT-5356) Loctite®, the leading brand in adhesives, has created a new complete line of repair adhesives for the MRO user.

Extend Rust Treatment Sell Sheet

(LT-5526) Kills old rust. Prevents new rust for years.

Head Bolt & Water Jacket Sell Sheet

(LT-5546) Lubricates fasteners during assembly, as well as seals the gaps between the threads.

QuickStix 5671 PST Sell Sheet

(LT-5548) The most reliable, cost-effective method to seal tapered pipe thread fittings on stainless steel, aluminum, galvanized metal and other inert metals.

Hydraulic & Pneumatic Thread Sealant Sell Sheet

(LT-5557) Year after year, Loctite® innovations have provided solutions to our customers' toughest challenges, and we've done it again! New Loctite® 5452™ Instant Seal Hydraulic Pneumatic Sealant.

To order literature, e-mail us at literature.marcom@us.henkel.com or call (888) 427-3676.

Upcoming Events

IAAPA (International Association of Amusement Parks & Attractions)

November 17-20, 2009; Booth #7130
Las Vegas, NV

International Workboat Show

December 2-4, 2009; Booth #462
New Orleans, LA

Power Gen International

December 8-10, 2009; Booth #C5-763
Las Vegas, NV

Community Engagement

Team Building with a Twist in San Diego

When a group of regional managers in Henkel's Loctite® division were planning their latest sales meeting, they decided to do something a little out of the ordinary for their team building session. Rather than plan a traditional activity like golf, they decided to pitch in and volunteer at the Ronald McDonald House of San Diego.

"We thought it would be a good idea to do something for others rather than ourselves," said John DaVirro, Region 5 manager, who planned the activity along with fellow regional managers Alphonso Garcia and Mike Fausett. The Ronald McDonald House provides a home away from home for children and their families while the children are being treated for serious illnesses at San Diego hospitals.

On February 12, 2009, a group of 30 enthusiastic Henkel volunteers arrived at the Ronald McDonald House and spent half a day helping out with various tasks. The volunteers helped pack up holiday decorations and put them into storage, baked cookies for that evening's meal, washed the home's cars, and delivered gift bags to the staff at local hospitals who are instrumental in working with the Ronald McDonald House.

In addition to their volunteer time, the Henkel group also made a donation to the Ronald McDonald House. At the suggestion of the staff, Henkel donated gift bags for the parents that contained soaps, shampoos, writing journals, books and little "extras" to help make their stay more pleasant.

All the volunteers were enriched by the experience, and several employees who spoke Spanish were able to communicate with the Spanish-speaking families staying at the house. The group agreed that the day was a satisfying and worthwhile team building activity!

U.S.A.

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