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### **In this issue:**

*Celebrating two years  
of making life easier  
for epoxy buyers*

*Online purchasing  
activity jumps in  
2002's fourth quarter*

*Industry news*

*Technical corner*

## **Celebrating two years of making life easier for epoxy buyers.**

Discount purchases for e-epoxy.com help mark anniversary!

Just two years ago, on January 29, 2001, e-epoxy.com was born. Since our launch, we have experienced significant growth in our customer base. Our feedback also shows us that customers truly value e-epoxy.com as a modern and efficient alternative for purchasing raw materials.

To celebrate, we are sending registered and potential customers a voucher entitling them to a discount off their next e-epoxy.com purchase. Registered users, customers and others in our community should look for a voucher to arrive shortly via email. If you have questions about this anniversary gift, contact us at [ContactUs@e-epoxy.com](mailto:ContactUs@e-epoxy.com).

"e-epoxy.com is a success because it's built upon a fundamental respect for the needs of customers," says John Everett, e-epoxy.com's global leader. "Over two years ago, we asked ourselves, 'What can we do to better serve those customers who are looking for a fast, no-frills and cost-effective way to purchase epoxy resins and related products?' Our answer was the e-epoxy.com business model."

### **Online purchasing activity jumps in 2002's fourth quarter**

Online purchasing activity of both indirect and direct goods increased during the fourth quarter of 2002, according to the latest Report on eBusiness, a report issued by the Institute for Supply Management (ISM), Tempe, Arizona, U.S.A., and Forrester Research Inc. that tracks online activity for both manufacturing and non-manufacturing organizations.

"Not only did buyers use more online auctions and eProcurement tools, but larger organizations reported better cost-savings results from these efforts. It will be interesting to see if this online buying surge continues into 2003," says Bruce Temkin, principal analyst at Forrester.

For further information, see the ISM Web site at [www.ism.ws](http://www.ism.ws).

## Industry news

### Price increases announced

- Cook Composites & Polymers (CCP) has increased prices for essentially all water and solvent-based alkyd and polyester resins within their coatings resins line by \$0.03/lb. Additionally, solution acrylic resins will be increased by \$0.04/lb. The new pricing will be effective February 15, 2003.
- Eastman Chemical announced just before Christmas an increase in list and off-list pricing on alkyd coating resins (\$0.03/lb), liquid polyester coating resins (\$0.02/lb), acrylic and styrene acrylic latex emulsions (\$0.02/lb) and solution acrylic resins (\$0.02/lb) for the coatings industry. The increases will come into force on February 1, 2003, or as contracts allow, and will cover the U.S. and Canada.
- Noveon, Inc. announced a price increase of 3 cents per wet pound on Hycar(R), Carboset(R), HyStretch(R), Carbobond(R) and Carbotac(R) acrylic and styrene-acrylic emulsions for paints and coatings, paper, nonwovens and textile, adhesives and graphic arts markets. In addition, Noveon has increased prices by 2-3 cents per wet pound on select Performax(R) compounds. The price increases take effect on January 15, 2003.

(Source: [PaintandCoatings.com](http://PaintandCoatings.com) e-mail newsletter)

### See these additional news items on e-epoxy.com:

[Reichold announces price increase](#)

[Epoxy acrylate wetting agent now available from Cray Valley](#)

## Technical corner

Below you will find a selection of patents, provided to us by [www.ResinWeb.com](http://www.ResinWeb.com). This site, available in Chinese and English, covers information for most common resins like epoxy, phenolic, amino and alkyd resins. The site is owned by Chem2B GmbH. This neutral online business company also runs two other vertical Internet portals, [PolyurethaneWeb](#) and [PowderMetalWeb](#).

### • Ambient-temperature-stable, one-part curable epoxy adhesive

*US6506494, Publication Date: 2003-01-14, 3M Innovative Properties Company*

Abstract: A one-part curable epoxy adhesive composition is provided. The adhesive comprises curable epoxy resin, a latent curative system comprising: (a) at least one first curative encapsulated in thermoplastic polymeric microcapsules, and (b) a second latent curative admixed in the curable epoxy resin and sufficient particulate thermoplastic polymeric material to at least partially regionally plasticize the cured epoxy resin wherein up to all of the particulate thermoplastic polymeric material may be provided by the walls of the microcapsules. A method of curing the adhesive by heating the composition is also provided. A joint made by adhering members together with the adhesive composition and a method of making the joint are also provided.

### • One-pack type epoxy resin composition and cured epoxy resin

*US6506869, Publication Date: 2003-01-14, Ube Industries, Ltd. (Ube, JP)*

Abstract: A one-pack type epoxy resin composition is disclosed. The composition comprises a low-viscosity epoxy resin and an acid anhydride hardener, and has a viscosity of 250 P or less at 25 degrees C. The hardener is an imide oligomer comprising an imide unit and

having an acid anhydride group at the terminal thereof. The imide unit is represented by formula I: wherein A represents an asymmetric aromatic tetracarboxylic dianhydride residue or alicyclic tetracarboxylic dianhydride residue; and B represents a diaminopolysiloxane residue.

- **Epoxy resin composition**

*US6506822, Publication Date: 2003-01-14, Shin-Etsu Chemical Co., Ltd.*

Abstract: An epoxy resin composition comprising (a) an epoxy resin, (b) a curing agent, and (c) a silicone stress-reducing agent further includes (d) a foam-suppressing composition comprising (d-i) an oil compound consisting of a hydrophobic organopolysiloxane and finely divided silica, (d-ii) a hydrophilic polyoxyalkylene-modified silicone oil, and optionally, (d-iii) a polyoxyalkylene polymer. The epoxy resin composition has the advantages of improved infiltration to semiconductor device-substrate gaps and minimized formation of internal and surface voids.

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