

This issue of *Adhesives & Sealants Industry* magazine brings you the seventh annual listing of the top manufacturers of adhesives/sealants; pressure sensitives; and adhesives/sealants products in North America. Companies are listed in alphabetical order. ASI directly contacted each of the companies listed for their most current infor-

mation. Included with each company's listing are contact information, estimated 2003 adhesives and sealants sales figures (if publishable), subsidiaries and recent acquisitions, and a company profile.

While our staff made every effort to seek out the top companies in the industry, some companies may have been inad-

vertently omitted. We will work throughout the year to provide any changes or updates on our website version of the ASI 50 and in next year's ASI 50 issue. To include your company in our listing, please contact Editor Teresa McPherson at mcperson@bnpmedia.com, or call (810) 664-0030. To view the listing online, visit www.adhesivesmag.com.

Accumetric LLC

350 Ring Road
 Elizabethtown, KY 42701
 (270) 769-3385

www.accumetricinc.com
 CEO: James V. Hartlage, Jr.
 Company Contact: Edward P. Linz

Estimated 2003 Worldwide Adhesives and Sealants Sales:
 Not available for publication

Accumetric LLC markets a line of sealants and adhesive products under the BOSS® label, serving industrial, MRO, HVAC, insulation, pool and spa, construction, and industrial OEMs. The company manufactures neutral-cure silicone sealants, greases and compounds, firestop products, and latex sealants. Accumetric is a full-line contract packager of one- and two-component adhesives and sealants. (Privately held)

Adchem Corp.

1852 Old Country Road
 Riverhead, NY 11901-3144
 (631) 727-6000

www.adchem.com
 Company Contact: Chris Pufahl, Marketing Associate
 CEO: Rob Pufahl and John Pufahl

Estimated 2003 Worldwide Adhesives and Sealants Sales:
 Not available for publication

Founded in 1966, Adchem manufactures adhesive films, double-coated adhesive tapes and custom-coated products.

The company is ISO-9001-certified and A2LA accredited. (Privately held)

ADCO Products Inc. (Operating Subsidiary of ADCO Global Inc.)

4401 Page Ave.
 Michigan Center, MI 49254
 (800) 248-4010

www.adcocorp.com
 CEO: Scott Wightman, President
 Estimated 2003 Worldwide Adhesives and Sealants Sales:
 Not available for publication

Recent Acquisitions: Kommerling Chemische Fabrik GmbH, Chemetall Window Adhesive & Sealant Division
 ADCO Products Inc. specializes in manufacturing and designing adhesives and sealants for the following markets: automotive replacement glass, automotive OEM, commercial roofing, window manufacturing, concrete pipes, burial vaults, appliance, electrical/communications, and vehicle-body repair (crash repair). The company's core technologies are synthetic elastomers (rubber), UV-cured acrylic tape and polyurethanes. ADCO is ISO-9001 and QS-9000 registered. (Privately held)

Adhesives Research Inc.

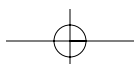
400 Seaks Run Road
 PO Box 100
 Glen Rock, PA 17327
 (800) 445-6240; (717) 764-6320
www.adhesivesresearch.com

Estimated 2003 Worldwide Adhesives and Sealants Sales:
 \$107 million

Adhesives Research Inc. is a leading developer and manufacturer of custom, high-performance pressure-sensitive adhesive tapes, specialty coatings, and film technologies (including dissolvable films) for the following sectors: medical (in-vitro diagnostics, wound care, medical devices); pharmaceutical (transdermal drug delivery, cosmetics, oral care, personal care and consumer); industrial (display screens, automotive, window fabrication); electronics (hard disk drive assembly, telecommunications, semiconductors, general electronics assembly); and splicing (pulp and paper, laminating, and converting); as well as web processing. Corporate headquarters are located in Glen Rock, PA; sales and marketing offices are located in the United States, United Kingdom, Germany, and Singapore, with sales representation in Japan, Taiwan, and Thailand. Manufacturing sites are located in United States (PA), Ireland, Australia and Columbia. The company is ISO 9001:2000 certified to the updated quality management standards. (Privately held)

American Biltrite Inc., Tape Products Division

105 Whittendale Drive
 Moorestown, NJ 08057
 (856) 778-0700
www.abitape.com
 CEO: Roger Marcus, Chairman and CEO





*Estimated 2003 Worldwide Adhesives and Sealants Sales: >\$95 million

The Tape Products Division is a leading and highly diversified producer of pressure-sensitive materials used by automobile manufacturers, commercial-graphics professionals, sign makers, metal polishers, acrylic and polycarbonate sheet manufacturers, HVAC contractors, shoe producers, and manufacturers of circuit boards and electric motors.

**Ashland Specialty Chemical Co.,
Specialty Polymers & Adhesives Div.**

PO Box 2219
Columbus, OH 43216
(800) 322-6580
www.ashchem.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

2003 Total Corporate Sales: \$7.518 billion

2003 Specialty Chemical Sales: \$1.170 billion

The Specialty Polymers & Adhesives business group (SP&A) of Ashland Specialty Chemical Co. is a leading global producer of high-performance adhesives and specialty resins serving the following industries: transportation (automotive, truck, recreational, marine, mass transit and aerospace); building and construction (engineered wood products, commercial roofing, laminated panels, windows and doors, bridge decking, and infrastructure); packaging and converting (pressure sensitive, film laminating, case-and-carton sealing and labeling); and industrial (product assembly, thermoplastic bonding, and lamination). SP&A is a technology innovator providing novel solutions to customer opportunities: pressure sensitive (solution acrylic, emulsion acrylic, UV curable, hot melt and solution rubber); structural (2K urethane, 100% reactive urethane, structural acrylic, epoxy, rubber-based, reactive hot melt and electromagnetic induction curing); and lamination (phenolic, nitrile-phenolic, water-based urethane, EVA, EB-cured, 2K urethane, acrylic, polyester, and hybrid).
Source: Company contact, annual report

Avery Dennison Corp.

150 N. Orange Grove Blvd.
Pasadena, CA 91103
(626) 304-2000
www.averydennison.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Estimated 2003 Total Corporate Sales: \$4.8 billion

Avery Dennison is a global leader in pressure-sensitive technology and innovative self-adhesive solutions for consumer products and label materials. Based in Pasadena, CA, the company had 2003 sales of \$4.8 billion. Avery Dennison develops, manufactures and markets a range of products for consumer and industrial markets, including Avery-brand office products and graphics imaging media, Fasson-brand self-adhesive materials, peel-and-stick postage stamps, reflective highway safety products, automated retail tag, labeling and branding systems, and specialty tapes and polymers.

Bostik Findley Inc.

11320 Watertown Plank Road
Wauwatosa, WI 53226-3434
(414) 774-2250
www.bostikfindley-us.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$1.2 billion

Bostik Findley Inc. is a global organization selling a variety of adhesives, sealants, coatings and related compounds to the nonwoven disposable/hygiene, packaging, converting, assembly, industrial, construction, flooring, DIY, transportation, textile, and laminating marketplaces. This is accomplished through a network of direct sales and distributors. Bostik Findley is a subsidiary of AtoFina Chemicals, with the parent company being TOTAL, Paris.

Chemence Inc.

185 Bluegrass Valley Pkwy.
Alpharetta, GA 30004
(770) 664-6624

www.Chemence-US.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$50 million

Chemence is a manufacturer of cyanoacrylate, anaerobic, solventborne, two-part epoxy, two-part acrylic, two-part methacrylate, and UV-curing adhesives and sealants. It is the world leader in gas-main sealing, the North American leader in vacuum-impregnation sealants and number two in the United States in the manufacture of liquid photopolymers. (Privately held)

Degussa Building Systems

889 Valley Park Drive
Shakopee, MN 55379
(800) 433-9517

www.degussabuildingsystems.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

A subsidiary of Degussa, Degussa Construction Chemicals' Building Systems Group is an industry leader in the manufacture of construction chemicals and building products for the construction industry. Its widely recognized brands – Sonneborn®, Thoro, MBT Protection and Repair, ThoRoc®, Hydrozo®, Selby, Ucrete®, and SRS Flooring – provide an expansive product offering that includes joint sealants, waterproofing, membranes, grouts, concrete-repair products, clear sealers, wall coatings, and performance and decorative flooring. (Privately held)

Devcon (Part of Illinois Tool Works)

30 Endicott St.
Danvers, MA 01923
(800) 933-8266
www.devcon.com

CEO: Sevan Demirdogen, General Manager

Company Contact: David Bongiorno, Market Development Manager

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

A world leader in adhesive technology, Devcon offers a line of high-strength epoxies, advanced methacrylates, fast-curing cyanoacrylates and chemical-resistant anaerobics. Products include adhesives for OEM assembly operations as well as for repairing machinery. A line of coatings protects surfaces against abrasion, corrosion and chemical attack.

Dow Automotive

1250 Harmon Road
Auburn Hills, MI 48326
(248) 391-6300

www.dowautomotive.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Estimated 2003 Total Corporate Sales: \$33 billion

2003 Performance Plastics Sales (includes Dow Automotive): \$7.8 billion

CEO: George Hamilton

Dow Automotive, a business unit of The Dow Chemical Co., is a leading supplier of plastics, adhesives, sealants and other plastics-enhanced products for interior, exterior, under-the-hood, vehicle body structure, and acoustical management applications. The organization serves global tier, OEM and aftermarket customers. With offices and application development centers around the world, Dow Automotive provides materials science expertise and comprehensive technical capabilities to its customers worldwide.

Source: Company contact, annual report

Dow Corning Corp.

PO Box 0994
Midland, MI 48686-0994
(989) 496-6000

www.dowcorning.com

CEO: Gary Anderson, Chairman; Stephanie Burns, President and CEO

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

2003 Worldwide Total Sales: \$2.8 billion

Dow Corning is a leading supplier of high-performance adhesive, sealant and release coating expertise for the automotive, aviation and aerospace, construction, electronics, healthcare, industrial assembly and maintenance, pressure sensitive, and textiles industries. The company offers innovative product and service solutions that help customers innovate, grow and drive down costs. (Privately held)

EMS-GRILTECH Americas (a Unit of EMS-CHEMIE (North America) Inc.)

2060 Corporate Way
PO Box 1717
Sumter, SC 29151-1717
(803) 481-6190

www.emsgriltech.com

CEO: Sid Outlaw, Business Leader

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$135 million

EMS-CHEMIE (North America) Inc. is a subsidiary of EMS-CHEMIE of Switzerland. The business division, EMS-GRILTECH Americas, offers a line of Griltech® CoPA and CoPES hot-melt adhesive products as well as PA-6 fibers and fusible and bicomponent CoPA & CoPES fibers. Market applications include automotive interiors, paper machine clothing, industrial and consumer goods, geotextiles, and medical and apparel interlining. (Privately held)

FLEXcon

1 FLEXcon Industrial Park
Spencer, MA 01562
(508) 885-8200

www.FLEXcon.com

CEO: Neil McDonough, President and CEO

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

FLEXcon, a leading supplier of pressure-sensitive film, offers more than 10,000 made-to-order and standard off-the-shelf products each year. The company works with customers to create value-added solutions, providing the best-balanced choice of performance, cost effectiveness and availability. It combines applications expertise with polymeric-materials technology to provide product identification, promotion, security, labeling, packaging and bonding solutions. FLEXcon is ISO-9001 certified, with worldwide manufacturing, distribution and sales. (Privately held)

Forbo Adhesives LLC

PO Box 110447
Research Triangle Park, NC 27709-0447
(800) 431-1920

www.forbo.com

Estimated 2003 Business Adhesives Sales: \$572.9 billion

Forbo Adhesives (previously Reichhold) is a global supplier of synthetic polymers to adhesives formulators and provides a line of formulated adhesives to a variety of end-use markets, including automotive, converting, graphic arts, textiles, packaging and product assembly. Brand names include Swift® adhesives; Elvace®, PACE®, Plyamul®, and Wallpol® synthetic polymers; and Lyons Coatings®. The company had 1,288 employees at the end of 2003.



Franklin International

2020 Bruck St.
Columbus, OH 43207
(800) 877-4583
www.franklininternational.com
CEO: Evan Williams

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$118 million

Franklin International is an adhesives manufacturer founded in 1935. Today, the company has over 420 employees and distributes its products globally. Its core competency of emulsion polymerization provides vertical integration for glues, adhesives, hot melts, binders, films, sizing compounds and more. These products serve various markets, including retail, distribution, commercial, furniture manufacturing, millwork, paper converting, pressure sensitive, fiberglass reinforcement, screen printing and nonwovens. (Privately held)

GE Sealants & Adhesives

16325 Northcross Drive
Huntersville, NC 28078
(704) 655-2000
www.gesealants.com
CEO: Richard Brown, General Manager

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Total 2003 Corporate Sales: \$134.187 billion

This company is a leader in silicone, acrylic and adhesives for consumer, construction, and industrial applications. Products are sold through home centers, hardware chains, construction, paint stores and professional distributor channels.

Source: Company contact, annual report

H.B. Fuller Co.

1200 Willow Lake Blvd.
St. Paul, MN 55110-5101
(651) 236-5900
www.hbfuller.com

2003 Total Corporate Sales \$1.287 billion

2003 Global Adhesives Sales \$893.1 million

H.B. Fuller Co. is a 117-year-old worldwide manufacturer of adhesives, sealants, coatings and other specialty chemicals with corporate headquarters in St. Paul, MN. Fiscal 2003 sales totaled \$1.287 billion; 58% from North American operations, 20% from Europe, 13% from Latin America and 9% from Asia/Pacific. As of Nov. 29, 2003, the company employed approximately 4,500 people worldwide. H.B. Fuller has a direct presence in 33 countries and reaches customers in more than 100.

Intertape Polymer Group Inc.

3647 Cortez Road West
Bradenton, FL 34210
(941) 739-7700
www.intertapepolymer.com

CEO: Melbourne F. Yull

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$620 million

U.S. Subsidiaries or Recent Acquisitions: tesa North America Headquartered in Montreal, Quebec, this company has strategically grown to support operations in 16 locations, including 12 manufacturing facilities, with approximately 2,500 employees. IPG's advanced manufacturing technologies offer the flexibility to produce a range of products that reflect customers' needs. Products include Intertape® brand hot-melt, acrylic and natural rubber pressure-sensitive carton-sealing tapes; water-activated carton-sealing tape; masking tape; cloth duct tape; HVAC tape; and automotive high-performance and specialty tapes.

ITW Performance Polymers (Part of Illinois Tool Works)

30 Endicott St.
Danvers, MA 01923
(978) 777-1100
www.itwperformers.com

CEO: David Parry, Vice President and General Manager
Company Contact: David Parry, Vice President and General Manager

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Recent Acquisitions: Krafft S.A and A.B. Korroflex.

ITW Performance Polymers produces and sells adhesives and sealants to original equipment manufacturers, as well as maintenance/repair products, both directly and through a worldwide network of industrial distributors. Major markets include industrial maintenance and repair, marine, automotive, transportation, solid surface, construction, manufactured housing, and automotive aftermarket.

ITW/TACC

56 Air Station Industrial Park
Rockland, MA 02370
(781) 878-7015
www.itwtacc.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

ITW/TACC has manufactured quality commercial adhesives and sealants since 1969. Its manufacturing facility, located in Massachusetts, produces solvent- and waterborne products under the trade names TACC®, Miracle®, KingCo, Sta-Put®, and Conbond®. Acquired by Illinois Tool Works in 1998, ITW/TACC maintains its primary focus on the research and development of innovative, environmentally safe and applicator-friendly products that exceed industry standards for performance and quality.

Jowat Corp.

6058 Lois Lane
Archdale, NC 27263
(336) 434-9000, (800) 322-4583
www.jowat.com

Company Contact: Rainhard Kramme, President/CEO; Jerry Crouse, Vice President, Sales

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Jowat was founded in 1919 and is a manufacturer of adhesives with customers in 80 countries and 450 employees worldwide. Its adhesives are used in the furniture, packaging/paper, textile and automotive industries. Jowat manufactures hot-melt, water- and solventborne, and reactive adhesives, and distributes its products to customers throughout the world. The company is a subsidiary of Jowat AG, Detmold, Germany. (Privately held)

Loctite (Henkel Corp.)

1001 Trout Brook Crossing
Rocky Hill, CT 06067
(800) 562-8483
www.loctite.com

CEO: Dr. Ulrich Lehner

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$1 billion

Recent Acquisitions: Dexter Corp.'s Electronic Materials, Adhesives, and Polymer Systems business; Multicore; Power Devices

This worldwide, market-driven specialty-chemical brand is part of the Henkel Technologies Div., and provides engineering adhesives, sealants, and coatings directly to OEMs and through a network of industrial distribution. The company's products are used in the electronics,

automotive, aerospace, facility and equipment maintenance and repair, OEM, and specialized medical markets. Henkel Loctite works with customer companies to provide manufacturing and maintenance solutions, including custom adhesive formulations and new technologies. The company is an industry leader in cyanoacrylates, anaerobics, UV- and visible-light-curing adhesives, specialty epoxies, silicones, and dispensing and curing equipment.

Lord Corp.

111 Lord Drive
PO Box 8012
Cary, NC 27512-8012
(919) 468-5980, (800) 478-9705
www.lord.com

CEO: Richard L. McNeel, President and CEO

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$425 million

Lord Corp. develops, manufactures and markets a range of adhesives and coatings for the automotive, industrial, and electronic markets. Included are: Chemlok® adhesives; Aqualast™ elastomer emulsions; Autoseal® adhesives and coatings; Fusor® adhesives; Versilok® adhesives; Chemglaze® coatings; Photoglaze® UV/EB coatings; Lord® engineered adhesives; Gelease® thermally conductive gels; Circuit SAF™ circuit assembly materials; CoolPhase™ material; WinPhase™ material; Circalok™ adhesives and coatings; Metech electronic materials; Motorguard™ coatings; MetalJacket™ corrosion control coatings; and FlockLok® adhesives. (Privately held)

MACTac (Morgan Adhesives Co.) (Part of the Bemis Co.)

4560 Darrow Road
Stow, OH 44224-1898
(330) 688-1111
www.MACTac.com

CEO: Bill Austen

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$545 million — includes sales from Multi Fix (Europe)

MACTac is part of the Bemis Co. Inc., Minneapolis. Bemis is a major supplier of flexible packaging and pressure-sensitive materials used worldwide by leading food, consumer products, manufacturing, and other businesses. MACTac manufactures adhesive-coated paper, plastic and vinyl films used in a variety of labeling, signage, fleet marking, and specialized industrial and technical applications.

MAPEI Corp.

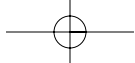
1144 E. Newport Center Drive
(954) 246-8888, (800) 24-MAPEI (800-246-2734)
www.mapei.com

CEO: Nick Di Tempora, President, MAPEI Americas

Company Contact: Diane Choate, Corporate Communications
Estimated 2003 Worldwide Adhesives and Sealants Sales: \$1 billion

Subsidiaries: MAPEI Americas is a subsidiary of MAPEI Group, based in Milan, Italy

MAPEI supplies systems for tile and stone installation, floor covering installation, decorative concrete, and concrete restoration for residential and major commercial projects. MAPEI is a registered provider to the AIA/CES program, and also offers training related to ceramic and stone tile, floor coverings and concrete repair through the MAPEI Technical Institute. MAPEI is an environmentally conscious manufacturer, and now provides BioBlock™ technology for antimicrobial protection in select products. (Privately held)



3M

Building 220-5E-06
 3M Center, Industrial Adhesives and Tapes Division
 St. Paul, MN 55144-1000
 (800) 362-3550
www.3m.com/adhesives
 CEO: W. James McNerney, Jr.
 Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication
 2003 Total Corporate Sales: \$18.232 billion
 3M is one of the world's premier manufacturing companies with operations in more than 60 countries and over half of its sales coming from international operations. For nearly a century, 3M's culture has fostered creativity and given employees the freedom to take risks and try new ideas. This culture has led to a steady stream of products that range from adhesives to micro-replication, and has made way for more than 50,000 innovative products that help make our world better. Creating innovative products and services that respond to customer needs has always been a way of life at 3M.
 Source: Company contact, annual report

National Adhesives

10 Findeme Ave.
 Bridgewater, NJ 08807
 (800) 797-4992
www.nationaladh.com
 CEO: William H. Powell
 Estimated 2003 Worldwide Adhesives and Sealants Sales: \$1.25 billion
 National Adhesives is a unit of National Starch and Chemical Co., which had worldwide sales of \$3.05 billion in 2003. National Adhesives offers liquid emulsions, solventborne solutions and hot-melt adhesives to customers worldwide. National Adhesives' products are based on polyurethane, acrylic, rubber, ethylene vinyl acetate, epoxy, polyvinyl acetate, and starch and dextrin chemistries. National Starch and Chemical Co. has its headquarters in Bridgewater, NJ, and is a member of the ICI Group.

National Casein Co.

601 W. 80th St.
 Chicago, IL 60620
 (773) 846-7300
www.nationalcasein.com
 CEO: Hope T. Cook, President
 Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication
 National Casein is a leading manufacturer of environmentally friendly adhesives for the woodworking, furniture and millwork industries. Since being incorporated in 1921, the company has become an international supplier for these industries. (Privately held)

**Parabond Adhesives
 (a Division of PARA CHEM)**

P.O. Box 127
 Simpsonville, SC 29681
 (800) 763-7272
www.parabond.com
 CEO: President Ted Egan
 Estimated 2003 Worldwide Adhesives and Sealants Sales: \$45 million

Pecora Corp.

165 Wambold Road
 Harleysville, PA 19438
www.pecora.com
 Company Contact: Pamela Frederick
 *Estimated 2003 Worldwide Adhesives and Sealants Sales: \$35 million

Pecora Corp., established in 1862, is a manufacturer totally committed to the development of customer-valued adhesive, sealant and waterproofing solutions. Because Pecora is focused directly toward continuous improvement, superior quality and exceptional service, architects, contractors, and end users recognize Pecora as a brand that can be used with complete confidence. (Privately held)

Permacel®, a Nitto Denko Co.

PO Box 671-T
 New Brunswick, NJ 08903
 (800) 755-8273
www.permacel.com
 CEO: William J. Hayes
 Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication
 This company has earned a reputation as a pioneer in the field of pressure-sensitive tapes by developing new products through innovative, proprietary technologies. Currently, the company develops, manufactures and markets 350 kinds of tapes used for the manufacturing process in the electrical, electronics, automobile, aerospace, and graphic arts industries. In joining the Nitto Denko group, Permacel also began producing a variety of Nitto Denko products. With its expanded product line, Permacel serves an increasingly broad market.

Permatex Inc.

10 Columbus Blvd.
 Hartford, CT 06106
 (877) 376-2839 or 87-PERMATEX
www.permatex.com
 CEO: Dean Willard
 Company Contact: Bruce Hanson
 Estimated 2003 Worldwide Adhesives and Sealants Sales: \$65 million
 U.S. Subsidiaries or Recent Acquisitions: No Touch North America
 Permatex manufactures, markets and sells a complete line of adhesives for metals, fabric, fiberglass, glass, rubber, concrete, and plastics. Company products include cyanoacrylates, epoxies, silicones and anaerobics under brand names such as Permatex®, Form-A-Gasket®, the Right Stuff®, Ultra Black®, Ultra Blue®, Ultra Copper®, Ultra Grey®, Indian Head®, High Tack®, Eliminator®, Form-A-Seal®, PermaPoxy™ and Spray-A-Gasket®. (Privately held)

Plymouth Rubber Co. Inc.

104 Revere St.
 Canton, MA 02021
 (781) 828-0220
www.plymouthrubber.com
 *Estimated 2003 Worldwide Adhesives and Sealants Sales: \$65 million
 Plymouth Rubber Co. Inc. manufactures and supplies rubber and vinyl products to a range of markets, including the electrical-supply industry, utilities, automotive, and other original equipment manufacturers and highway-stripping contractors. These products include electrical tapes, automotive harness tapes, industrial tapes and films and highway pavement-marking tapes.

Rohm and Haas Co.

100 Independence Mall West
 Philadelphia, PA 19106-2399
 (215) 592-3000
www.rohmhaas.com
 Estimated 2003 Worldwide Adhesives and Sealants Sales: \$632 million
 Rohm and Haas is a leading supplier of adhesives used in packaging, construction, transportation and a host of

converting industries. Products include: pressure-sensitive adhesives for paper and film labels, decals and consumer, industrial, and specialty tapes; laminating adhesives, cold seal adhesives, coatings, primers and resins for flexible packaging, graphic arts and a host of laminating applications; acrylic polymers for construction adhesives and sealants; adhesives for the automotive industry, including car interior parts, weather-strip applications and rubber-to-metal bonding agents; adhesives for rigid laminates such as structural panels; and reactive hot melts for the textile industry.

Royal Adhesives & Sealants

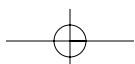
2001 W. Washington St.
 South Bend, IN 46628
 (574) 246-5301
www.royaladhesives.com
 CEO: Ted Clark
 Company Contact: Steve Zens, VP Sales & Marketing
 Estimated 2003 Worldwide Adhesives and Sealants Sales: \$38.650 million
 Royal Adhesives & Sealants (previously Uniroyal Adhesives & Sealants) is a supplier/manufacturer of solvent- and waterborne adhesives and sealants, along with one-part polyurethane adhesive sealants under the Silaprene® brand name. The company also provides Hydra-Fast-En® waterborne contact cements and Gunther™ mirror mastics. (Privately held)

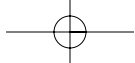
RPM International Inc.

2628 Pearl Road
 PO Box 777
 Medina, OH 44258
 (330) 273-5090
www.rpminc.com
 CEO: Frank C. Sullivan
 Company Contact: Glenn R. Hasman
 Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication
 2003 Total Corporate Sales: \$2.083 billion
 RPM International Inc., a holding company, owns subsidiaries that are world leaders in specialty coatings serving both industrial and consumer markets. RPM's industrial products include roofing systems, sealants, corrosion-control coatings, flooring coatings and specialty chemicals. RPM's consumer products are used by professionals and do-it-yourselfers for home maintenance and improvement, automotive and boat repair/maintenance, and by hobbyists. Leading industrial brands include Stonhard, Tremco, Carboline, Day-Glo, Euco and Dryvit. Consumer brands include Zinsser, Rust-Oleum, DAP, Varathane, Bondo and Testors.
 Source: Company contact, annual report

**Scapa North America
 (Part of the Scapa Group Plc.)**

111 Great Pond Drive
 Windsor, CT 06095
 (860) 688-8000
www.scapana.com
 Estimated 2003 Worldwide Adhesives and Sealants Sales: \$341 million
 Scapa designs and manufactures custom-engineered adhesive films, tapes, and compounds for the automotive, cable, construction, industrial-assembly, medical, printing and graphics, and sports and entertainment markets. Products include specialty unsupported adhesive-transfer films; single-coated tapes; double-coated films; single-coated foam tapes; double-coated mounting tapes; and zero-halogen, low-smoke, fire-retardant compounds.





Schnee-Morehead Inc.

111 N. Nursery Road
Irving, TX 75060
(972) 438-9111
www.trustsm.com
Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication
This company is a leading manufacturer of waterborne, urethane, butyl, silicone and foam sealants. Industries served include fenestration, construction, fire protection, aerospace, transportation, automotive and HVAC.

Shurtape Technologies LLC

1506 Highland Ave. NE
Hickory, NC 28601
(828) 322-2700
www.shurtape.com
CEO: James B. Shuford
Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication
U.S. Subsidiaries or Recent Acquisitions: Tape Specialties Limited, Permacel Arts & Entertainment Division
Shurtape Technologies LLC is a leading manufacturer of pressure-sensitive adhesive tapes, serving customers in over 50 countries around the world in the packaging, HVAC, professional paint, transportation, arts and entertainment, and consumer markets. Shurtape specializes in producing high-quality masking, paper, duct, packaging, double-coated bonding, and specialty tapes. (Privately held)

Sika Corp.

30800 Stephenson Highway
Madison Heights, MI 48071
(248) 577-0020
www.sikaindustry.com
Company Contact: Ron Smith, Director of Marketing
Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication
Estimated 2003 Total Corporate Sales: \$1.8 billion
The Industry Division of Sika Corp. is headquartered in Madison Heights, MI. The company is a leading supplier of adhesives and sealants serving industrial, marine, and automotive markets. Product lines include polyurethane adhesives and sealants, hot-melt adhesives, epoxies, acrylics, silicones, and butyl sealants. Specific applications are found in the appliance, automotive glass replacement, HVAC, metal building, transportation, marine and fenestration industries.

Sika Corp. is a supplier of specialty chemical products and industrial materials serving construction, industry and automotive markets. Sika Corp. is a subsidiary of Sika AG, Baar, Switzerland. Sika has annual sales of approximately US\$1.8 billion, over 8,500 employees and operations in more than 66 countries.

Sovereign Specialty Chemicals Inc.

225 W. Washington St.
Suite 1450
Chicago, IL 60606
(312) 223-7970
CEO: Norman E. Wells, Jr.
Estimated 2003 Worldwide Adhesives and Sealants Sales: \$372 million
Sovereign Specialty Chemicals Inc. is a leading developer and supplier of high-performance specialty adhesives, coatings, and sealants serving three markets: packaging and converting, industrial, and construction. Since 1996, Sovereign has grown rapidly through the strategic acquisition of established niche leaders — including BF Goodrich Adhesives Systems Division, Pierce & Stevens, OSI Sealants, Croda Adhesives and Imperial Adhesives — to

become the largest privately owned adhesives manufacturer in the United States and one of the largest adhesives manufacturers in the world, public or private. Headquartered in Chicago, Sovereign serves a global customer base from manufacturing and sales facilities worldwide. (Privately held)

tesa tape inc. (tesa North America Division)

5825 Carnegie Blvd.
Charlotte, NC 28209
(704) 554-0707
www.tesatape.com
CEO: Dieter Steinmeyer, Worldwide President; Dan Germain, North American Division President
Estimated 2003 Worldwide Adhesives and Sealants Sales: 696 million euro (approximately US \$61.5 million)
For over a century, tesa has pioneered the development of pressure-sensitive adhesive tape technologies. Today, this worldwide enterprise services customers in over 50 countries around the globe in the paper, transportation, corrugated, printing, appliance and automotive markets. In North America, tesa markets three diverse product lines: double-sided fastening tapes, masking tapes and associated products, and packaging tapes. These are in addition to the company's duct and specialty tape products.

TruSeal Technologies Inc.

23150 Commerce Park
Beachwood, OH 44122
(216) 910-1500
www.truseal.com
Estimated 2003 Worldwide Adhesives and Sealants Sales: \$90 million
TruSeal Technologies is a worldwide market-share-leading manufacturer of sealant systems; flexible, warm edge spacers; and components for the fabrication of high-performance and long-lasting insulating glass for windows, doors, refrigeration, and transportation applications. It also manufactures specialty extrusion and sealant products for solar-panel fabrication, general construction, and private-label customers. TruSeal trade names include DuraSeal™, InsulEdge™ and Swiggle® Seal. TruSeal is part of the Quanex Corp. Building Products Group.

Tyco Adhesives

1400 Providence Highway
Norwood, MA 02062
(800) 343-7875; (781) 440-6223
www.tycoadhesives.com
CEO of Tyco Int'l: Ed Breen; President of Tyco Adhesives: Tom Salmon
Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication
Tyco Adhesives, a unit of the Tyco Plastics and Adhesives segment of Tyco International, is a leading manufacturer of pressure-sensitive adhesives tape products serving a range of industries and applications. Product technology offered includes emulsion, aqueous and hot-melt systems, with rubber-, acrylic-, polyurethane-, and silicone-based adhesive chemistries. Within Tyco Adhesives, there are four business areas: the Specialty Tape Group (STG), Industrial Group, Retail Group, and the Corrosion Protection Group (CPG). The Specialty Tape Group offers standard and custom-developed products, as well as toll coating for applications in the industrial, medical, transportation, electronic and recreational industries. STG offers expertise in products for bonding diverse and difficult-to-bond substrates including foams, films, foils, plastics, and nonwovens, and is dedicated to supporting customized development for customer-specific and OEM or industry-driven specifications and requirements The

Industrial group offers tapes such as duct, film, sealing, electrical, foil and masking used in the aerospace, entertainment, packaging, construction, and HVAC industries, under the Polyken®, Patco®, National®, Nashua®, and Manuli brand names. The Retail group offers similar products, and other special consumer and professional grade products for consumer applications in the retail arena. The Corrosion Protection Group offers tape products for the protection of oil, gas and water pipelines. Tyco Adhesives offers more than 50 years of expertise manufacturing pressure-sensitive products.

Venture Tape Corp.

30 Commerce Road
Rockland, MA 02370
(781) 331-5900
www.venturetape.com
CEO: Lewis Cohen
Company Contact: Marilyn Norton
Estimated 2003 Worldwide Adhesives and Sealants Sales: \$90 million
Recent acquisitions: Venture Tape Europe and Venture Tape Australasia
Venture Tape Corp., founded in 1980 by company president Lewis Cohen, manufactures a diverse product line that includes metal foil tapes, double-coated tapes, foam tapes, transfer adhesives, plastic film tapes, and electrically and thermally conductive adhesives. The company develops high-quality products for various industries and services customers worldwide. (Privately held)

Wacker Silicones Corp. (a Subsidiary of Wacker Chemie GmbH)

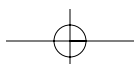
3310 Sutton Road
Adrian, MI 49221
(517) 264-8500
www.wackersilicones.com
Estimated 2003 Worldwide Adhesives and Sealants Sales: \$66 million
Wacker is one of the world's leading manufacturers of silicones. With more than 18,000 employees, Wacker generates more than US \$3 billion in sales. (Privately held)

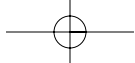
WW Henry Co.

400 Ardex Park Drive
Aliquippa, PA 15001
(724) 203-5000
www.wwhenry.com
CEO: Herbert Goller
Company Contact: Michael Crouch, Vice President
Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication
Subsidiary of Ardex Engineered Cements
For over 70 years, the W.W. Henry Co., headquartered in Aliquippa, PA, has focused on the manufacture and marketing of high-performance adhesives used for installations of wood, carpet, vinyl, ceramic tile, and other flooring installation and maintenance products. W.W. Henry is one of the ARDEX Global Companies. (Privately held)

Worthen Industries Inc.

3 E. Spit Brook Road
Nashua, NH 03060
(603) 888-5443
www.worthenind.com
* Estimated 2003 Worldwide Adhesives and Sealants Sales: \$50 million
This company is a manufacturer of high-performance adhesives and coatings for the footwear, film-laminating, automotive, packaging, staple, flexible-duct, foam-fabricating, coated paper, and specialty industrial markets.





OTHER BIG PLAYERS

Advanced Adhesive Systems Inc.

681 North Mountain Road
Newington, CT 06111
(860) 953-4100

* Estimated 2003 Worldwide Adhesives and Sealants Sales: \$5 million

This company is a custom formulator and manufacturer of adhesives, sealants, and coatings for original equipment manufacturers, aftermarket, and consumer companies. (Privately held)

CASS Polymers Inc.

12005 N. Virginia
Oklahoma City, OK 73120
(405) 755-8448

www.casspolymers.com

CEO: Doug Frans, President and CEO

Company Contact: Bill Cleary, Vice President

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$14 million

Recent Acquisitions: ADTECH Plastic Systems Corp.; Milamar Coatings and Adhesives LLC; Tool Chemical Co.

CASS Polymers' subsidiaries, ADTECH Plastic Systems (ISO 9001-certified), Milamar Coatings and Adhesives (MIL-SPEC-certified), and Tool Chemical Co., produce innovative specialty adhesives including waterborne and VOC-compliant conductive and dielectric epoxies. These specialty items, along with more conventional epoxy and urethane adhesives, coatings, and specialty composites products, are directed to consumer and industrial markets. Tool Chemical Composites is now ISO 9001 certified. (Privately held)

Chicago Adhesive Products Co.

1105 S. Frontenac St.
Aurora, IL 60504
(800) 621-0220

www.chapco-adhesive.com

CEO: Raymond Kline, Jr., Pres.

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$16 million

Subsidiary of Roanoke Companies Group Inc.

This company manufactures a complete line of floor covering adhesives for carpet, vinyl tile, ceramic tile, cove base, wood flooring, etc. In addition, a line of hot-melt carpet seaming tapes is offered. Products are sold under the CHAPCO and Aim brand names. (Privately held)

Chief Adhesives Inc.

3024 E. Seminary Drive
Fort Worth, TX 76119
(817) 534-6755

www.chiefadhesives.com

CEO: Leonard C. Goode

Company Contact: Dana P. Lyons, Vice President, Sales

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Chief Adhesives Inc. is a minority-owned manufacturer of adhesives for the packaging and structural industries. The company's headquarters, research and development facility, and hot-melt manufacturing plant are located in Fort Worth, TX. Founded in 1992, the company has gained an excellent reputation for high-quality products and customer service. (Privately held)

Clifton Adhesive Inc.

48 Burgess Place
Wayne, NJ 07470
(973) 694-0845

www.cliftonadhesive.com

CEO: Robert Lefelar, President

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Clifton Adhesive is a formulator and manufacturer of solvent- and waterborne industrial adhesives, coatings, and specialty

chemicals. In addition to providing custom formulations that meet individual customer requirements, the company also offers toll mixing done on a proprietary basis. Specialty and toll mixed products both have the full sales, technical, and customer service that is second to none. (Privately held)

Dielectric Polymers Inc.

218 Race St.
Holyoke, MA 01040
(413) 532-3288; (800) 628-9007
www.dipoly.com

CEO: Lawrence G. Kuntz

Company Contact: Debbie Ernst, Customer Service Manager

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Dielectric Polymers Inc. is a manufacturer of pressure-sensitive tapes and films for automotive, aerospace, industrial splicing, graphic arts, electronics, appliance, and high-temperature masking applications. It has over 30 years of experience producing transfer adhesives, protective films and splicing, plating, masking, and double-coated tapes. The company offers custom coating to meet specific requirements for specialty applications. It is a division of Adhesive Applications Inc. (its sister division, Stik-II Products, manufactures foam tapes). (Privately held)

DYMAX Corp.

51 Greenwood Road
Torrington, CT 06790
(860) 482-1010

www.dymax.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$20 million

DYMAX manufactures fast, bond-on-demand structural and UV-curable adhesives, coatings, and adhesive-curing equipment. This technology-based company specializes in the formulation, manufacture and service of frequently customized, solvent-free, worker- and environmentally friendly adhesives and curing equipment designed to increase productivity. Markets include the medical-disposable, industrial, optical, fiber-optic, aerospace and electronics industries. The company is ISO-9001-certified. (Privately held)

Evans Adhesive Corp. Ltd.

925 Old Henderson Road
Columbus, OH 43220
(614) 451-2665

www.evansadhesive.com

CEO: Rusty Thompson

Company Contact: Rusty Thompson

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Recent Acquisitions: Evans Adhesive Corp. Ltd acquired the product lines of Beaver Adhesives on June 30

Established in 1900, Evans Adhesive Corp. has over 100 years of experience in formulating waterborne and hot-melt adhesives. Its hot-melt product line includes EVA, pressure-sensitive, APAO and polyamides. Waterborne products include vinyl acetate polymers, natural polymers, latex and starch-based products. These adhesive formulations are used in a variety of applications, including packaging, bottle labeling, outdoor advertising, product assembly, laminating, tubewinding, graphic arts and woodworking. The company also offers toll production capabilities for both waterborne and hot-melt adhesives. Manufacturing facilities are located in Sandersville, GA; Rancho Cucamonga, CA; and Columbus, where the corporate office and R&D laboratories are also located. (Privately held)

Fielco Industries Inc.

1957 Pioneer Road
Huntingdon Valley, PA 19006
(800) 825-7156

www.fielco.com

CEO: James Fields

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Since 1951, this company has been a leading manufacturer of polymer adhesives, sealants and coatings. The company's products are used in a range of applications, from electronic

encapsulants to highly specialized epoxy products. Products are custom-formulated to specific industrial applications based on particular manufacturing requirements.

Flexo Technologies Inc.

9900 E. Rush St.
S. El Monte, CA 91733
(626) 444-2595
www.flexotechnologies.com

CEO: H. Eric Braun

Company Contact: Oscar H. Garcia

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$750,000

Flexo Technologies, located in southern California, is a manufacturer of flexographic inks and waterborne adhesives. Its unique combination of technologies has given the company an entry into a market normally reserved for multiple suppliers. The company offers over 35 years of experience in the ink and adhesives business. (Privately held)

Industrial Adhesives Inc.

4244 W. 6th Ave.
Eugene, OR 97402
(541) 683-6677

www.hot-melt.com

CEO: Benny Peters

Company Contact: Gilles Cyr

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Industrial Adhesives is a technological leader and the largest manufacturer of hot-melt products on the North American West Coast. The company also manufactures a complete line of hot-melt pre-coated strings and tapes known as PLYTAPE™, PACKSTRING™ and PACKTAPE™, as well as specialized application equipment. Products are sold worldwide. (Privately held)

Le Page's Inc.

41 Lesmill Road
North York, Ontario M3B 2T3
(416) 751-4343

www.lepages.com

www.bandittapegun.com

CEO: Navin Chandaria

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

LePage's has been a leader in the adhesive market for nearly 130 years. Since its recent acquisition, the organization has developed leading-edge technologies, innovations and patents that have led the charge to its current position as the world's leading manufacturer of private-label tape products. (Privately held)

Master Adhesives Inc.

996A Norcross Industrial Court
Norcross, GA 30071-2694
(770) 447-5025

www.masteradhesives.com

CEO: Jerry Patterson

Company Contact: Heather Brown

*Estimated 2003 Worldwide Adhesives and Sealants Sales: \$5 million

Master Adhesives first gained its reputation for quality products and customer service as a manufacturer of water-based adhesives. In time, other product lines have been added, including hot-melt adhesives, coatings, and cleaning and purging products. The company also custom-manufactures products for its customers based on their specific and unique needs. (Privately held)

Novagard® Silicones

5109 Hamilton Ave.
Cleveland, OH 44114
(800) 380-0138

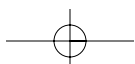
www.novagard.com

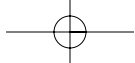
CEO: Michael Sylvestre

Company Contact: Steve Hannah

*Estimated 2003 Worldwide Adhesives and Sealants Sales: \$20 million

Foamseal/Novagard, a QS-9000-certified manufacturer, is a





leader in the customized development of advanced silicone-based sealants, adhesives and lubricants, and PVC foam-sealing and sound-deadening materials. Tailoring its diverse product line to meet the specific needs of a worldwide customer base, Product Development Specialists work directly with customers to solve their toughest application problems. (Privately held)

NuSil Technology

1050 Cindy Lane
Carpinteria, CA 93013
(805) 684-8780
www.nusil.com

CEO: Richard A. Compton

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$25 million

Recent Acquisitions: MorehouseCowlens, Lightspan

NuSil Technology is the world's leading formulator of silicone compounds for aerospace, healthcare, electronics and commercial products requiring precise, predictable, cost-effective materials performance. ISO-9001-certified since 1994, NuSil operates state-of-the-art laboratories and processing facilities in North America and Europe, and provides on-site, in-person application-engineering support worldwide. (Privately held)

OMNOVA Solutions Inc.

476 JA Cochran Bypass
Chester, SC 29706
(803) 377-2331

www.OMNOVA.com

CEO: Kevin McMullen

Company Contact: Silvano Ferrazzo

*Estimated 2003 Worldwide Adhesives and Sealants Sales: \$28-32 million

OMNOVA Solutions is a major innovator of decorative and functional surfaces, emulsion polymers and specialty chemicals. The Performance Chemicals Division is a leading manufacturer and supplier of release coating emulsions, adhesives, and saturants. The newly launched OMNOVA ERS™ emulsions provide predictable release with minimum contamination. NovaCryl™ adhesives provide performance advantages in permanent and removable PSA applications.

Pacer Technology

9420 Santa Anita Ave.
Rancho Cucamonga, CA 91730
(909) 987-0550

www.pacertechnology.com

CEO: Richard S. Kay

Company Contact: Greg Lindsay

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$25 million

Pacer Technology is a manufacturing, packaging and distribution company engaged in marketing advanced-technology adhesives, sealants, and other related products for consumer, industrial, hobby, automotive, cosmetic, and private-label markets on a worldwide basis. It is the provider of Super Glue, ZAP®, Pro Seal® and other well-known brands. (Privately held)

Plexus (Part of Illinois Tool Works)

30 Endicott St.
Danvers, MA 01923
(800) 851-6692

www.itwplexus.com

CEO: Gary Hovan, General Manager

Company Contact: Susan Hennessey, Associate Marketing Manager

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Plexus adhesives are widely used for structural bonding of today's difficult-to-bond engineered plastics, advanced composites and other dissimilar substrates in the marine, automotive, transportation, recreational vehicle, and construction industries. These adhesives reduce assembly times and increase plant throughput by up to 200%. They require no sanding or grinding and cure rapidly at room temperature.

Polymeric Systems Inc.

723 Wheatland St.
Phoenixville, PA 19460

(610) 935-1180

www.polymericystems.com

CEO: Theodore (Ted) Flint

Company contact: Jack Kane, Sales Manager

*Estimated 2003 Worldwide Adhesives and Sealants Sales: \$10 million

Polymeric Systems Inc. develops and manufactures epoxy and elastomeric (silicone, polyurethane, polysulfide, modified-silane polymer) adhesives/sealants for worldwide industrial, construction, transportation, and DIY markets. The company specializes in product innovation and in providing research, development, and manufacturing services to other companies within the industry. (Privately held)

The Reynolds Co.

10 Gates St.
PO Box 1925
Greenville, SC 29602
(864) 232-6791

www.reynoldsglue.com

CEO: John A. Reynolds

Company Contact: E. Hays Reynolds III

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$34 million

The Reynolds Co., founded in 1878 and based in Greenville, SC, is a manufacturer of waterborne and hot-melt adhesives. The company is ISO 9000-2000 certified, and manufactures a range of customized, as well as toll-blended, products. (Privately held)

Selena USA Inc.

400 Northampton St.
Suite 303
Easton, PA 18042
(610) 330-6950

www.selenausa.com

CEO: Richard Russack

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$500,000

Selena USA is the U.S. subsidiary of Selena Co. S.A., a global building materials company with production and R&D facilities in Europe and Asia. Selena sells to over 30 countries around the world. Selena USA has a warehousing facility in New Jersey, and its logistic company has operations nationwide. The company sells Tytan PU foam brand products for the professional market. (Privately held)

Smooth-On Inc.

2000 St. John St.
Easton, PA 18042
(800) 762-0744

www.smooth-on.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Smooth-On Inc. has manufactured superior epoxy adhesives for over 105 years. Metalset A4 is a powerful adhesive used by military units worldwide and by airline and auto manufacturers. MT-13 is a premium adhesive that is highly effective in water-resistant applications. EA-40 is a transparent adhesive used extensively in the bow-making industry. Super Instant epoxy adhesive provides a rapid bond. PC-3 is the industry standard for cementing laboratory tabletops. Ure-Bond is used in a variety of applications and provides a flexible bond. (Privately held)

Uniseal Inc.

1014 Uhlhorn St.
Evansville, IN 47710
(812) 425-1361

www.uniseal.com

CEO: Robert L. Koch II

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$30+ million

Uniseal's global sales presence is a sign of commitment to becoming the automotive industry's premier supplier of Structural Adhesive and Sealant Systems. Through creative formulations, the company provides solutions for every step of the automotive process. A full product line is the result of innovations from state-of-the-art research

labs and technologically advanced manufacturing facilities. The company is a subsidiary of Koch Enterprises Inc.

Valpac Inc.

1400 Industrial Park Road
Federalsburg, MD 21632
(410) 754-7390

www.valpac.com

CEO: Gary Radziewicz

Company Contact: Frank Jennings, VP Sales & Marketing

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

This company is a leading custom manufacturer of adhesives and coatings specializing in solvent- and waterborne, UV and 100%-solids chemistries. Product line includes pressure-sensitive adhesives, synthetic and natural-based cohesives, top-coatings, laminating adhesives, and heat-seal and primer coatings. Markets served are: flexible packaging, tape, label, graphic arts, construction, and medical. Tolling services are available. (Privately held)

W.F. Taylor Co. Inc.

11545 Pacific Ave.
Fontana, CA 92337
(909) 360-6677

www.wftaylor.com

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Taylor adhesives are made for a full spectrum of flooring products and backings through ongoing relationships with the flooring industry's leading manufacturers, contractors, and installers. W.F. Taylor has developed environmentally responsible adhesives to achieve a perfect bond for every application. Based in Fontana, CA, and with an additional state-of-the-art manufacturing facility in Dalton, GA, W.F. Taylor has provided adhesives to the flooring industry for over 25 years. (Privately held)

Wilsonart International Adhesives

10601 NW Dodgen Loop
Temple, TX 76503
(254) 207-6701

www.wilsonart.com

CEO: Jerry Samu

*Estimated 2003 Worldwide Adhesives and Sealants Sales: \$21 million

This company is a manufacturer and supplier of quality solvent- and waterborne contact adhesives, and a comprehensive selection of PVA wood-bonding, hot- and cold-press, and post-forming adhesives for the decorative laminate industry.

Wisdom Adhesives

10265-75 Pacific Ave.
Franklin Park, IL 60131
(847) 678-7750

www.wisdomadhesives.com

CEO: John Wisdom

Estimated 2003 Worldwide Adhesives and Sealants Sales: Not available for publication

Wisdom Adhesives formulates custom solutions for the packaging and graphic arts industries, as well as many other industries. Wisdom's adhesive line includes water-based resins, protein adhesives, hot melts, dextrin, aerosols, cyanoacrylates, anaerobics, epoxies and various other adhesives. (Privately held)

YH America Inc.

(Part of the Yokohama Rubber Co. Ltd., Japan)
105 Kuhlman Drive
Versailles, KY 40383

(859) 879-2834

CEO: Yoku Okamoto

Estimated 2003 Worldwide Adhesives and Sealants Sales: \$10 million

YH America Inc. is a manufacturer of urethane windshield primers and sealants, as well as a complete line of thermo-plastic hot melt adhesives for the automotive lighting industry. The glass-bonding products are sold directly to automotive OEM plants and to Tier-One glass-enhancement suppliers.

