

## **INDUSTRIAL ADHESIVES: PRODUCTS AND APPLICATIONS** **A GLOBAL MARKET OVERVIEW**

### **Summary**

Demand for industrial adhesives is estimated to extend across a wide spectrum of end markets, with transportation, inclusive of automotive and construction likely to take leading positions. A growing number of end-use applications have exhibited a marked shift from traditional mechanical fastener based technologies to adhesive based technologies, prominent among them being the automotive, mobile handheld electronic devices and medical sectors, which are expected to record faster than GDP growths over the coming few years. For instance, in automotive and aircraft manufacturers have initiated the substitution of conventionally used metals with plastics, composites and nonferrous materials in fabrication that helps in reducing weight of the vehicles and reducing fuel consumption.

Traditionally, the global demand and growth for industrial adhesives has had a direct correlation with the chemical industry as a whole, which has averaged at about 3%-4% over the past decade. However, between the years 2008 and 2010, the global economy went into a tailspin, with a major proportion of industries following in its wake, of which the chemical industry was one. With end-users tightening belts and cutting down production due to lack of demand, industry majors had a torrid time in this recessionary period, and the market for industrial adhesives was also adversely affected.

Industrial Adhesives application areas explored in this report encompass Pressure Sensitive Products, Packaging, Construction, Woodworking, Transportation and Other Applications. The report also analyzes the product segments including Acrylics, Water-Based PVAc & VAE, Polyurethane, EVA & Polyethylene Hot-Melts, SBC Hot-Melts, Epoxy, Polychloroprene and Others. The major product segments further classified in to sub-types as Acrylics – Emulsion-Based Acrylics, Solvent-Based Acrylics and Other Acrylics; and Polyurethane - Solvent-Based, 100% Reactive, Hot-Melt and Water-Based.

The global markets for the above mentioned product types and end-use applications for industrial adhesives are analyzed in both value in US\$ and the volumes in million pounds (lbs). The report covers the global market for industrial applications only and excludes any other usages of adhesives. Pressure sensitive products accounts for the largest share of about 28% of global consumption of industrial adhesives equated to 5.9 billion lbs closely followed by Packaging with 4.7 billion lbs in 2013. Transportation projected to achieve the fastest 6.3% compounded annual growth rate (CAGR) between 2013 and 2020.

The report reviews, analyses and projects the industrial adhesives market for global and the regional markets including North America, Europe, Asia-Pacific, South America and Rest of World. The regional markets further analyzed for 16 independent countries across North America – The United States, Canada and Mexico; Europe – Germany, France, the United Kingdom, Italy, Spain and Russia; Asia-Pacific –China, Japan, South Korea, India and Taiwan; and South America – Brazil and Argentina.

This 787 page global market report includes 709 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. This report profiles 39 key global players and 92 major players across North America – 36; Europe – 17; and Asia-Pacific – 39. The research also provides the listing of the companies engaged in manufacturing and supply of industrial adhesives. The global list of companies covers addresses, contact numbers and the website addresses of 646 companies.

For more information: [Industrial Adhesives: Products and Applications – A Global Market Overview](#)

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- ADCO Global, Inc.
- Adhesive Applications Inc.
- Adhesive Films Inc.

## INDUSTRIAL ADHESIVES: PRODUCTS AND APPLICATIONS A GLOBAL MARKET OVERVIEW

Adhesives Research, Inc.  
Akzo Nobel N.V.  
Ashland Inc.  
Avery Dennison Corporation  
BASF SE  
Bayer Materialscience AG  
Beardow & Adams (Adhesives) Limited  
Bemis Company, Inc.  
Bostik  
Carlisle Companies Incorporated  
Chemence Limited  
Collano Adhesives AG  
Cytec Industries Inc.  
Dow Corning Corporation  
E. I. Du Pont De Nemours and Company  
Forbo Holding Ltd  
Franklin International, Inc.  
Gardner-Gibson, Inc.  
HB Fuller Company  
Henkel AG & Co KGaA  
Heron Manufacturing Inc.  
Hitachi Chemical Co Ltd  
Huntsman International LLC  
Illinois Tool Works Inc.  
Klebchemie M. G. Becker GmbH & Co. KG  
Lord Corporation  
MAPEI SpA  
Mitsubishi Chemical Corporation  
PPG Industries Inc.  
Sharp Chemical Industry Co Ltd  
The Dow Chemical Company  
The Nippon Synthetic Chemical Industry Co Ltd  
The Yokohama Rubber Co Ltd  
Total SA  
Toyo Polymer Co Ltd

### 3. KEY BUSINESS TRENDS

Henkel Unveils Next-Generation Loctite® Liquid Optically Clear Adhesives  
Adept Industrial Solutions' 3M Hi-Strength 94ET Spray Adhesives  
Innovation of Henkel's Technomelt Supra 100 Cool Low Temperature Hotmelt Adhesive  
Application of H.B. Fuller's Swift® Adhesives for Safe and Solid Adhesion  
Wisdom Adhesives Worldwide Collaborates with DENLAKS  
Sika Takes Over Everbuild Building Products Ltd  
Jowat Showcases Innovative Adhesive Systems  
H.B. Fuller Adds Novel Nonwoven Adhesives to its Full-Care™ Portfolio  
Unveiling of Ashland Performance Materials' Arocure™ UV-curable Hotmelt PSAs  
Henkel's "Food Safe Packaging" Initiative Started

H.B. Fuller Signs Purchase Agreement with Plexbond Quimica  
Bayer MaterialScience Reformulates Adhesives Range  
Dynea Establishes a New Company in Europe  
AEC Polymers Patents New Technology  
Henkel Developed Loctite Ablestik ICP 4000 series of Silicon-based ECAs  
Berry Plastics to Introduce Two New Tapes  
Henkel Innovates New Adhesive  
Evonik Expands Product Line by Setting Up a New Plant  
Evonik Showcases New Products  
H.B. Fuller Launches Modern Water-Based Laminating Adhesives  
Launch of H.B. Fuller's Flextra Fast™ Adhesives for Food Packaging Applications  
Henkel Revamps its Brand Structure  
H B Fuller Manufactures Adhesives at Pune  
Ashland Launches Marine Adhesive  
Henkel, DaniMer Pair Up for Bio-based Hotmelt Adhesives Development  
Wisdom Adhesives is Renamed as Wisdom Adhesives Worldwide  
Royal Holdings Takes Over Adhesives Packaging Specialties Inc  
DELO, Ticona Pair Up for Novel Adhesive System Development  
Royal Packaging Specialities Acquired Adhesives Packaging Specialities Inc.  
Berry Plastics Launches Polyken 500  
Unveiling of VORASIL™ 602 and 604 Silane Modified Polymers by Dow Polyurethanes  
Howdens Develop Long-Lasting Kitchens Using Henkel's Hotmelt Adhesives  
Avery Dennison Unveils a New Pressure-Sensitive Labeling Novel High Performance Adhesives and Sealants from Henkel for Automotive Repairs  
Clifton Adhesives Acquired by Royal Adhesives & Sealants  
Cytec Industries' Pressure Sensitive Adhesive Products Acquired by Henkel  
Ashland Performance Materials Launches Aroset™ AGX-L PSA for Medical Tapes  
Royal Adhesives & Sealants to Take over Clifton Adhesives Assets  
Enhanced Loctite Instant Adhesives with Elevated Service Temperature of up to 120°C  
Royal Adhesives & Sealants Plans to Acquire Extreme Adhesives  
H.B. Fuller Acquires Forbo's Global Industrial Adhesives Operations  
Commercial Launch of Evo-Stik's Novel Two-Part Epoxy Resins  
Royal Adhesives & Sealants Takes Over the Assets of Craig Adhesives & Coatings  
Dow Automotive Systems' Novel and Versatile Adhesive Portfolio  
LORD Corporation Launches LORD® 781  
LORD Corp's New Range of Primers and Adhesives Developed  
New Chemlok® Adhesives Developed by LORD Corp  
Wisdom Adhesives Inaugurates Mumbai Office  
Evonik Plans to Construct HTPB Production Unit in Germany

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3M Company (United States)

ADCO Global, Inc. (United States)

Adhesive Applications Inc. (United States)

Adhesive Films Inc. (United States)

Adhesives Research, Inc. (United States)

Ashland Inc. (United States)

Avery Dennison Corporation (United States)

Bemis Company, Inc. (United States)

Berry Plastics Corporation (United States)

Carlisle Companies Incorporated (United States)

Creative Materials Incorporated (United States)

Cytec Industries Inc. (United States)

DAP Products Inc. (United States)

DOW Corning Corporation (United States)

Dymax Corporation (United States)

E. I. Du Pont De Nemours And Company (United States)

Evans Adhesive Corp Ltd (United States)

Franklin International, Inc. (United States)

Gardner-Gibson, Inc. (United States)

HB Fuller Company (United States)

Hernon Manufacturing Inc. (United States)

Huntsman International LLC (United States)

Illinois Tool Works Inc. (United States)

ITW Devcon (United States)

JOWAT Corp. (United States)

Lord Corporation (United States)

Mactac (United States)

Momentive Performance Materials Inc. (United States)

Omnova Solutions Inc. (United States)

PPG Industries Inc. (United States)

Royal Adhesives & Sealants, LLC (United States)

RPM International Inc. (United States)

The Dow Chemical Company (United States)

Uniseal Inc. (United States)

Wisdom Adhesives (United States)

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AKZO Nobel N.V. (The Netherlands)  
BASF SE (Germany)  
Bayer Materialscience AG (Germany)  
Beardow & Adams (Adhesives) Limited (United Kingdom)  
BOSTIK (France)  
Chemence Limited (United Kingdom)  
Collano Adhesives AG (Switzerland)  
EMS-Chemie Holding AG (Switzerland)  
Forbo Holding Ltd (Switzerland)  
Henkel AG & Co KGaA (Germany)  
Huntsman Advanced Materials (Switzerland) GmbH (Switzerland)  
Klebchemie M. G. Becker GmbH & Co. KG (Germany)  
Mapei SpA (Italy)

Scapa Group Plc (United Kingdom)  
Sika AG (Switzerland)  
Total SA (France)  
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AICA Kogyo Co Ltd (Japan)

Beijing Comens New Material Co Ltd (China)

Benson Polymers Limited (India)

Cemedine Co Ltd (Japan)

Chemline India Limited (India)

Chengdu Guibao Science & Technology Co Ltd (China)

Denki Kagaku Kogyo K.K. (Japan)

DIC Corporation (Japan)

Fast Bonds Pvt Ltd (India)

Hindustan Adhesives Limited (India)

Hitachi Chemical Co Ltd (Japan)

Hubei Huitian Adhesive Enterprise Co Ltd (China)

Jesons Industries Limited (India)

Koatsu Gas Kogyo Co Ltd (Japan)

Konishi Co Ltd (Japan)

Mitsubishi Chemical Corporation (Japan)

Moresco Corporation (Japan)

Nichiei Kako Co Ltd (Japan)

Nissin Chemical Industry Co Ltd (Japan)

Nitta Gelatin Inc (Japan)

Okong Corporation (South Korea)

Oshika Corporation (Japan)

Pidilite Industries Limited (India)

Polygel Industries Private Limited (India)

Qingdao Winlong Chemical Industrial Co Ltd (China)

Shanghai Kangda New Materials Co Ltd (China)

Sharp Chemical Industry Co Ltd (Japan)

Showa Denko K.K. (Japan)

Soken Chemical & Engineering Co Ltd (Japan)

Super Bond Adhesives (P) Ltd (India)

TAOKA Chemical Co Ltd (Japan)

The Nippon Synthetic Chemical Industry Co Ltd (Japan)

The Yokohama Rubber Co Ltd (Japan)

Threebond Co Ltd (Japan)

Toagosei Co Ltd (Japan)

Tonsan Adhesive, Inc (China)

Toyo Ink SC Holdings Co Ltd (Japan)

Toyo Polymer Co Ltd (Japan)

Yasuhara Chemical Co Ltd (Japan)

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Rest of South America Acrylic Industrial Adhesives Market by Sub-Type

Rest of South America Polyurethane Industrial Adhesives Market by Sub-Type

4.4.3.2 Rest of South America Industrial Adhesives Market Overview by End-Use Application

5. REST OF WORLD

5.1 Rest of World Industrial Adhesives Market Overview by Product Type

Rest of World Acrylic Industrial Adhesives Market by Sub-Type

Rest of World Polyurethane Industrial Adhesives Market by Sub-Type

5.2 Rest of World Industrial Adhesives Market Overview by End-Use Application

PART C: GUIDE TO THE INDUSTRY

1. NORTH AMERICA

2. EUROPE

3. ASIA-PACIFIC

4. REST OF WORLD

PART D: ANNEXURE

1. RESEARCH METHODOLOGY

2. FEEDBACK

For more information please visit:

[Industrial Adhesives: Products and Applications – A Global Market Overview](#)