+44 20 8123 2220
info@marketpublishers.com

Plastic Adhesives Market By Resin Type (Polyurethane, Epoxy, Acrylic, Silicone, Others), By Technology (Solvent based, Water based), By End-Use (Automotive, Building and Construction, Electrical and Electronics, Packaging, Others): Global Opportunity Analysis and Industry Forecast, 2024-2033

https://marketpublishers.com/r/PFDBDB6DD564EN.html
Date: April 2024
Pages: 300
Price: US$ 3,570.00 (Single User License)
ID: PFDBDB6DD564EN

Abstracts

The global plastic adhesives market was valued at $8.3 billion in 2023, and is projected t%li%reach $13.4 billion by 2033, growing at a CAGR of 4.9% from 2024 t%li%2033.

Introduction

Plastic adhesive, often referred t%li%as polymer fusion facilitator, is a specialized bonding agent engineered t%li%create cohesive molecular bonds between plastic substrates. This adhesive functions by catalyzing polymerization reactions at the interface of plastic surfaces, leading t%li%the formation of a strong intermolecular network that effectively fuses the plastics together. The unique formulation of plastic adhesive allows it t%li%overcome challenges such as low surface energy and chemical inertness inherent t%li%many plastics, making it an essential tool for joining plastic components in various industries.

One of the primary applications of plastic adhesive is in the automotive industry, where it is used for bonding plastic components in vehicles. This includes bonding interior trim panels, dashboard components, and exterior body parts, such as bumpers and side

moldings. Plastic adhesive provides a reliable bonding solution that withstands the rigors of daily use and exposure t%li%various environmental conditions.

In the electronics industry, plastic adhesive plays a crucial role in assembling electronic devices and components. It is used for bonding plastic housings, securing circuit boards, and encapsulating sensitive electronic components. The ability of plastic adhesive t%li%form strong and insulating bonds is essential for ensuring the reliability and longevity of electronic devices, especially those exposed t%li%moisture, heat, and mechanical stress.

Market Dynamics

Rise in construction activities drives the growth of plastic adhesive market. Urbanization and increase in infrastructure development projects globally create a robust demand for plastic adhesives, which are widely utilized in the construction sector for bonding materials such as PVC, acrylics, and polycarbonates. These adhesives play a crucial role in various construction applications, including the assembly of structural components, installation of cladding systems, and bonding of interior finishes.

Plastic adhesives offer advantages such as strong bonding, flexibility, and compatibility with diverse substrates, making them indispensable in modern construction practices. Additionally, the trend towards sustainable building materials has further fueled the adoption of plastic adhesives, especially those formulated with environment-friendly and low-VOC (volatile organic compound) formulations.

In July 2022, Arkema expanded its presence in South Africa by acquiring Permoseal, a leading manufacturer of adhesive solutions serving various sectors such as d%li%it yourself (DIY), packaging, and construction. This strategic move aimed t%li%enhance Arkema's position in the region, particularly in the dynamic industrial and construction markets of South Africa and Sub-Saharan Africa. The acquisition of Permoseal not only broadened Arkema's product portfoli%li%but als%li%synergized with its existing brand, Bostik, further solidifying its foothold in the region.

However, temperature sensitivity of plastic adhesives is expected t%li%hamper the growth of the plastic adhesive market during the forecast period. Temperature sensitivity poses a significant restraint on the use of plastic adhesives in various industries, particularly in automotive and aerospace applications. The adhesive's performance is severely affected by exposure t%li%extreme temperatures, leading t%li%bond failure or reduced durability. This limitation hampers the reliability and

+44 20 8123 2220
info@marketpublishers.com

longevity of bonded components, which are crucial for ensuring the safety and functionality of vehicles and aircraft. Additionally, the need t%li%meet stringent performance requirements under varying temperature conditions adds complexity t%li%adhesive selection and application processes, increasing production costs and time-to-market.

Segmental Overview

The plastic adhesive market is segmented int%li%resin type, technology, end-use, and region. On the basis of resin type, the market is classified int%li%epoxy, polyurethane, acrylic, silicone, and others. On the basis of technology, the market is divided int%li%solvent based, water based. By end-use, the market is categorized int%li%automotive, construction and building, electrical and electronics, medical packaging, and others. Region-wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA.

On the basis of resin type, the epoxy segment is expected t%li%be the fastest growing segment representing the CAGR of 5.7% during the forecast period. Plastic adhesive is commonly used in epoxy formulations t%li%improve adhesion t%li%plastic surfaces. Epoxy adhesives are versatile and widely used in various industries due t%li%their strong bonding capabilities and resistance t%li%chemicals and environmental factors. In the electronics industry, epoxy adhesives play a crucial role in bonding plastic casings, enclosures, and components in electronic devices. These adhesives provide reliable electrical insulation and mechanical stability, ensuring the long-term performance and reliability of electronic products.

On the basis of technology, water based is the fastest-growing segment representing a CAGR of 5.0% in the plastic adhesive market from 2024 t%li%2033. The printing and labeling industry relies on water-based plastic adhesives for bonding plastic labels, decals, and graphics ont%li%a variety of surfaces, including packaging, containers, and promotional materials. These adhesives offer excellent adhesion properties, enabling high-quality printing and labeling applications with vibrant colors and sharp details.

Region-wise Asia-Pacific is the highest revenue contributor in the plastic adhesive market. In the automotive industry, Asia-Pacific countries are major producers and consumers of vehicles. Plastic adhesives play a critical role in bonding various plastic components in automobiles, including interior trim, exterior panels, and structural assemblies. Japan, known for its advanced technology and precision engineering, utilizes plastic adhesives extensively in electronics manufacturing. Japanese electronics

companies incorporate plastic adhesives in the assembly of smartphones, computers, and other electronic devices, ensuring reliable bonding and high-quality product performance.

Competitive Analysis

The report covers the profiles of key industry participants such as Henkel Corporation, 3M, H.B. Fuller Company, SIKA CORPORATION, Arkema, Huntsman International LLC., Dow, MAPEI Corporation, Jowat Corporation, and Avery Dennison Corporation.

Key Market Trends:

By resin type, the polyurethane segment dominated the plastic adhesive market and accounted for more than one-fourth of the market share.

By technology, solvent-based is the most lucrative segment in the plastic adhesive market representing for 4.8% of CAGR t%li%the market from 2024 t%li%2033.

By region, Asia is the fastest growing region representing for 5.4% CAGR in the market during the forecast period.

Key Benefits For Stakeholders

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the plastic adhesives market analysis from 2023 t%li%2033 t%li%identify the prevailing plastic adhesives market opportunities.

The market research is offered along with information related t%li%key drivers, restraints, and opportunities.

Porter's five forces analysis highlights the potency of buyers and suppliers t%li%enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

In-depth analysis of the plastic adhesives market segmentation assists

t%li%determine the prevailing market opportunities.

Major countries in each region are mapped according t%li%their revenue contribution t%li%the global market.

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

The report includes the analysis of the regional as well as global plastic adhesives market trends, key players, market segments, application areas, and market growth strategies.

Additional benefits you will get with this purchase are:

Quarterly Update and* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting t%li%16 analyst hours t%li%solve questions, and post-sale queries)

15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent t%li%3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Free Updated report if the report is 6-12 months old or older.

24-hour priority response*

Free Industry updates and white papers.

+44 20 8123 2220
info@marketpublishers.com

Possible Customization with this report (with additional cost and timeline, please talk t%li%the sales executive t%li%know more)

- Analysis of raw material in a product (by %)
- End user preferences and pain points
- Investment Opportunities
- Product Life Cycles
- Upcoming/New Entrant by Regions
- Technology Trend Analysis
- Market share analysis of players by products/segments
- Patient/epidemiology data at country, region, global level
- Regulatory Guidelines
    - Additional company profiles with specific t%li%client's interest
- Additional country or region analysis- market size and forecast
- Expanded list for Company Profiles
- Historic market data
- Import Export Analysis/Data
- Key player details (including location, contact details, supplier/vendor network etc. in excel format)
- List of customers/consumers/raw material suppliers- value chain analysis
- SWOT Analysis

+44 20 8123 2220
info@marketpublishers.com

Volume Market Size and Forecast

Key Market Segments

By Resin Type

Acrylic

Silicone

Others

Polyurethane

Epoxy

By Technology

Solvent based

Water based

By End-Use

Automotive

Building and Construction

Electrical and Electronics

Packaging

Others

+44 20 8123 2220
info@marketpublishers.com

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- UK
- France
- Spain
- Italy
- Rest Of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA

+44 20 8123 2220
info@marketpublishers.com

Brazil

Saudi Arabia

South Africa

Rest Of Lamea

Key Market Players

Henkel Corporation

3M

H.B. Fuller Company

Sika Corporation

Arkema

Huntsman International LLC.

Dow

MAPEI Corporation

Jowat Corporation

Avery Dennison Corporation

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

CHAPTER 5: PLASTIC ADHESIVES MARKET, BY TECHNOLOGY

CHAPTER 6: PLASTIC ADHESIVES MARKET, BY END-USE

+44 20 8123 2220
info@marketpublishers.com

CHAPTER 7: PLASTIC ADHESIVES MARKET, BY REGION

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

CHAPTER 8: COMPETITIVE LANDSCAPE

CHAPTER 9: COMPANY PROFILES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Plastic Adhesives Market By Resin Type (Polyurethane, Epoxy, Acrylic, Silicone, Others), By Technology (Solvent based, Water based), By End-Use (Automotive, Building and Construction, Electrical and Electronics, Packaging, Others): Global Opportunity Analysis and Industry Forecast, 2024-2033

Product link: https://marketpublishers.com/r/PFDBDB6DD564EN.html

Price: US$ 3,570.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/PFDBDB6DD564EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

+44 20 8123 2220
info@marketpublishers.com

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970