

Global Solar Panel Adhesives Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Solar Panel Adhesives market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Sealants and adhesives are one of the essential components in solar panel, wind turbines, and fuel cells. Solar panel adhesives help reduce assembly cost.

China has implemented the Renewable Energy Law since 2006, in which Article 4 clearly states that, the State gives first priority to the exploration of renewable energy. Over the years, various departments of the Chinese government have successively issued a large number of policies, covering production, sales, taxation, subsidies and other aspects. After setting the carbon neutrality goal in 2021, from a national perspective, the upgrading of the energy structure is ever imperative, and therefore the optoelectronic industry has great potential. The European Commission released the Net-Zero Industry Act in 2023. This bill aims to stimulate local manufacturing in Europe, reduce import dependence on China, and ensure that at least 40% of the EU's clean energy demand can be met by 2030. The EU targets an installed solar capacity of 600 GW. Overall, the European market still has a lot of room for development. US 2022 release of the Inflation Reduction Act, which includes \$369 billion for energy security and climate change investments. For the photovoltaic industry, the bill stimulates its development from multiple aspects such as corporate and individual tax credits, production subsidies, and loans throughout the industry chain, and revitalizes the domestic manufacturing industry in the United States. Japanese authorities plan to make solar panels mandatory for new residential buildings in Tokyo from 2025 onwards. It is estimated that by 2030, photovoltaic power generation will account for 14%-16% of

Japan's total power generation, and the cumulative installed capacity of photovoltaic systems will be about 117.332 GW.

The Global Info Research report includes an overview of the development of the Solar Panel Adhesives industry chain, the market status of Commercial (Epoxy, Polyurethane), Residential (Epoxy, Polyurethane), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Solar Panel Adhesives.

Regionally, the report analyzes the Solar Panel Adhesives markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Solar Panel Adhesives market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Solar Panel Adhesives market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Solar Panel Adhesives industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Kiloton), revenue generated, and market share of different by Type (e.g., Epoxy, Polyurethane).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Solar Panel Adhesives market.

Regional Analysis: The report involves examining the Solar Panel Adhesives market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future

projections and forecasts for the Solar Panel Adhesives market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Solar Panel Adhesives:

Company Analysis: Report covers individual Solar Panel Adhesives manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Solar Panel Adhesives. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Commercial, Residential).

Technology Analysis: Report covers specific technologies relevant to Solar Panel Adhesives. It assesses the current state, advancements, and potential future developments in Solar Panel Adhesives areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Solar Panel Adhesives market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Solar Panel Adhesives market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Epoxy

Polyurethane

Market segment by Application

Commercial

Residential

Major players covered

3M Company

H.B. Fuller

Evonik Industries

Epic Resins

Dow Corning Corporation

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Solar Panel Adhesives product scope, market overview, market

estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Solar Panel Adhesives, with price, sales, revenue and global market share of Solar Panel Adhesives from 2019 to 2024.

Chapter 3, the Solar Panel Adhesives competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Solar Panel Adhesives breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Solar Panel Adhesives market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Solar Panel Adhesives.

Chapter 14 and 15, to describe Solar Panel Adhesives sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Solar Panel Adhesives
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Solar Panel Adhesives Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Epoxy
 - 1.3.3 Polyurethane
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Solar Panel Adhesives Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Commercial
 - 1.4.3 Residential
- 1.5 Global Solar Panel Adhesives Market Size & Forecast
 - 1.5.1 Global Solar Panel Adhesives Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Solar Panel Adhesives Sales Quantity (2019-2030)
 - 1.5.3 Global Solar Panel Adhesives Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 3M Company
 - 2.1.1 3M Company Details
 - 2.1.2 3M Company Major Business
 - 2.1.3 3M Company Solar Panel Adhesives Product and Services
 - 2.1.4 3M Company Solar Panel Adhesives Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 3M Company Recent Developments/Updates
- 2.2 H.B. Fuller
 - 2.2.1 H.B. Fuller Details
 - 2.2.2 H.B. Fuller Major Business
 - 2.2.3 H.B. Fuller Solar Panel Adhesives Product and Services
 - 2.2.4 H.B. Fuller Solar Panel Adhesives Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.2.5 H.B. Fuller Recent Developments/Updates
- 2.3 Evonik Industries
 - 2.3.1 Evonik Industries Details

- 2.3.2 Evonik Industries Major Business
- 2.3.3 Evonik Industries Solar Panel Adhesives Product and Services
- 2.3.4 Evonik Industries Solar Panel Adhesives Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.3.5 Evonik Industries Recent Developments/Updates
- 2.4 Epic Resins
 - 2.4.1 Epic Resins Details
 - 2.4.2 Epic Resins Major Business
 - 2.4.3 Epic Resins Solar Panel Adhesives Product and Services
 - 2.4.4 Epic Resins Solar Panel Adhesives Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Epic Resins Recent Developments/Updates
- 2.5 Dow Corning Corporation
 - 2.5.1 Dow Corning Corporation Details
 - 2.5.2 Dow Corning Corporation Major Business
 - 2.5.3 Dow Corning Corporation Solar Panel Adhesives Product and Services
 - 2.5.4 Dow Corning Corporation Solar Panel Adhesives Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Dow Corning Corporation Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SOLAR PANEL ADHESIVES BY MANUFACTURER

- 3.1 Global Solar Panel Adhesives Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Solar Panel Adhesives Revenue by Manufacturer (2019-2024)
- 3.3 Global Solar Panel Adhesives Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Solar Panel Adhesives by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Solar Panel Adhesives Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Solar Panel Adhesives Manufacturer Market Share in 2023
- 3.5 Solar Panel Adhesives Market: Overall Company Footprint Analysis
 - 3.5.1 Solar Panel Adhesives Market: Region Footprint
 - 3.5.2 Solar Panel Adhesives Market: Company Product Type Footprint
 - 3.5.3 Solar Panel Adhesives Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Solar Panel Adhesives Market Size by Region

- 4.1.1 Global Solar Panel Adhesives Sales Quantity by Region (2019-2030)
- 4.1.2 Global Solar Panel Adhesives Consumption Value by Region (2019-2030)
- 4.1.3 Global Solar Panel Adhesives Average Price by Region (2019-2030)

4.2 North America Solar Panel Adhesives Consumption Value (2019-2030)

4.3 Europe Solar Panel Adhesives Consumption Value (2019-2030)

4.4 Asia-Pacific Solar Panel Adhesives Consumption Value (2019-2030)

4.5 South America Solar Panel Adhesives Consumption Value (2019-2030)

4.6 Middle East and Africa Solar Panel Adhesives Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Solar Panel Adhesives Sales Quantity by Type (2019-2030)

5.2 Global Solar Panel Adhesives Consumption Value by Type (2019-2030)

5.3 Global Solar Panel Adhesives Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Solar Panel Adhesives Sales Quantity by Application (2019-2030)

6.2 Global Solar Panel Adhesives Consumption Value by Application (2019-2030)

6.3 Global Solar Panel Adhesives Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Solar Panel Adhesives Sales Quantity by Type (2019-2030)

7.2 North America Solar Panel Adhesives Sales Quantity by Application (2019-2030)

7.3 North America Solar Panel Adhesives Market Size by Country

7.3.1 North America Solar Panel Adhesives Sales Quantity by Country (2019-2030)

7.3.2 North America Solar Panel Adhesives Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Solar Panel Adhesives Sales Quantity by Type (2019-2030)

8.2 Europe Solar Panel Adhesives Sales Quantity by Application (2019-2030)

8.3 Europe Solar Panel Adhesives Market Size by Country

- 8.3.1 Europe Solar Panel Adhesives Sales Quantity by Country (2019-2030)
- 8.3.2 Europe Solar Panel Adhesives Consumption Value by Country (2019-2030)
- 8.3.3 Germany Market Size and Forecast (2019-2030)
- 8.3.4 France Market Size and Forecast (2019-2030)
- 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
- 8.3.6 Russia Market Size and Forecast (2019-2030)
- 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Solar Panel Adhesives Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Solar Panel Adhesives Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Solar Panel Adhesives Market Size by Region
 - 9.3.1 Asia-Pacific Solar Panel Adhesives Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Solar Panel Adhesives Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America Solar Panel Adhesives Sales Quantity by Type (2019-2030)
- 10.2 South America Solar Panel Adhesives Sales Quantity by Application (2019-2030)
- 10.3 South America Solar Panel Adhesives Market Size by Country
 - 10.3.1 South America Solar Panel Adhesives Sales Quantity by Country (2019-2030)
 - 10.3.2 South America Solar Panel Adhesives Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Solar Panel Adhesives Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Solar Panel Adhesives Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Solar Panel Adhesives Market Size by Country

11.3.1 Middle East & Africa Solar Panel Adhesives Sales Quantity by Country
(2019-2030)

11.3.2 Middle East & Africa Solar Panel Adhesives Consumption Value by Country
(2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Solar Panel Adhesives Market Drivers

12.2 Solar Panel Adhesives Market Restraints

12.3 Solar Panel Adhesives Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Solar Panel Adhesives and Key Manufacturers

13.2 Manufacturing Costs Percentage of Solar Panel Adhesives

13.3 Solar Panel Adhesives Production Process

13.4 Solar Panel Adhesives Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Solar Panel Adhesives Typical Distributors

14.3 Solar Panel Adhesives Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

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