

Global 3D Encapsulation Adhesive Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global 3D Encapsulation Adhesive market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

3D encapsulation adhesive is temporary adhesives for 3D packaging that allow silicon wafers to adhere to the glass substrate during the polishing and stacking process, while also allowing them to be removed without damaging the wafer.

The global market for semiconductor was estimated at US\$ 579 billion in the year 2022, is projected to US\$ 790 billion by 2029, growing at a CAGR of 6% during the forecast period. Although some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.76%, Sensor with 16.31%, and Logic with 14.46% growth, Memory declined with 12.64% year over year. The microprocessor (MPU) and microcontroller (MCU) segments will experience stagnant growth due to weak shipments and investment in notebooks, computers, and standard desktops. In the current market scenario, the growing popularity of IoT-based electronics is stimulating the need for powerful processors and controllers. Hybrid MPUs and MCUs provide real-time embedded processing and control for the topmost IoT-based applications, resulting in significant market growth. The Analog IC segment is expected to grow gradually, while demand from the networking and communications industries is limited. Few of the emerging trends in the growing demand for Analog integrated circuits include signal conversion, automotive-specific Analog applications, and power management. They drive the growing demand for discrete power devices.

This report is a detailed and comprehensive analysis for global 3D Encapsulation

Adhesive market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global 3D Encapsulation Adhesive market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global 3D Encapsulation Adhesive market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global 3D Encapsulation Adhesive market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global 3D Encapsulation Adhesive market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for 3D Encapsulation Adhesive

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global 3D Encapsulation Adhesive market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Showa Denko, 3M, JSR, Ibiden, Shinko Electric Industries Co.,Ltd, Nissan Chemical Industries, Ltd., Nagase ChemteX Corporation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

3D Encapsulation Adhesive market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Epoxy Resins

Metal Powders

Market segment by Application

6-Inch Wafers

8-Inch Wafers

12-Inch Wafers

Major players covered

Showa Denko

3M

JSR

Ibiden

Shinko Electric Industries Co.,Ltd

Nissan Chemical Industries, Ltd.

Nagase ChemteX 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 3D Encapsulation Adhesive product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 3D Encapsulation Adhesive, with price, sales quantity, revenue, and global market share of 3D Encapsulation Adhesive from 2020 to 2025.

Chapter 3, the 3D Encapsulation Adhesive competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 3D Encapsulation Adhesive breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and 3D Encapsulation Adhesive market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 3D Encapsulation Adhesive.

Chapter 14 and 15, to describe 3D Encapsulation Adhesive sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global 3D Encapsulation Adhesive Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Epoxy Resins

1.3.3 Metal Powders

1.4 Market Analysis by Application

1.4.1 Overview: Global 3D Encapsulation Adhesive Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 6-Inch Wafers

1.4.3 8-Inch Wafers

1.4.4 12-Inch Wafers

1.5 Global 3D Encapsulation Adhesive Market Size & Forecast

1.5.1 Global 3D Encapsulation Adhesive Consumption Value (2020 & 2024 & 2031)

1.5.2 Global 3D Encapsulation Adhesive Sales Quantity (2020-2031)

1.5.3 Global 3D Encapsulation Adhesive Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Showa Denko

2.1.1 Showa Denko Details

2.1.2 Showa Denko Major Business

2.1.3 Showa Denko 3D Encapsulation Adhesive Product and Services

2.1.4 Showa Denko 3D Encapsulation Adhesive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Showa Denko Recent Developments/Updates

2.2 3M

2.2.1 3M Details

2.2.2 3M Major Business

2.2.3 3M 3D Encapsulation Adhesive Product and Services

2.2.4 3M 3D Encapsulation Adhesive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 3M Recent Developments/Updates

2.3 JSR

- 2.3.1 JSR Details
- 2.3.2 JSR Major Business
- 2.3.3 JSR 3D Encapsulation Adhesive Product and Services
- 2.3.4 JSR 3D Encapsulation Adhesive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.3.5 JSR Recent Developments/Updates
- 2.4 Ibsiden
 - 2.4.1 Ibsiden Details
 - 2.4.2 Ibsiden Major Business
 - 2.4.3 Ibsiden 3D Encapsulation Adhesive Product and Services
 - 2.4.4 Ibsiden 3D Encapsulation Adhesive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 Ibsiden Recent Developments/Updates
- 2.5 Shinko Electric Industries Co.,Ltd
 - 2.5.1 Shinko Electric Industries Co.,Ltd Details
 - 2.5.2 Shinko Electric Industries Co.,Ltd Major Business
 - 2.5.3 Shinko Electric Industries Co.,Ltd 3D Encapsulation Adhesive Product and Services
 - 2.5.4 Shinko Electric Industries Co.,Ltd 3D Encapsulation Adhesive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Shinko Electric Industries Co.,Ltd Recent Developments/Updates
- 2.6 Nissan Chemical Industries, Ltd.
 - 2.6.1 Nissan Chemical Industries, Ltd. Details
 - 2.6.2 Nissan Chemical Industries, Ltd. Major Business
 - 2.6.3 Nissan Chemical Industries, Ltd. 3D Encapsulation Adhesive Product and Services
 - 2.6.4 Nissan Chemical Industries, Ltd. 3D Encapsulation Adhesive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Nissan Chemical Industries, Ltd. Recent Developments/Updates
- 2.7 Nagase ChemteX Corporation
 - 2.7.1 Nagase ChemteX Corporation Details
 - 2.7.2 Nagase ChemteX Corporation Major Business
 - 2.7.3 Nagase ChemteX Corporation 3D Encapsulation Adhesive Product and Services
 - 2.7.4 Nagase ChemteX Corporation 3D Encapsulation Adhesive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 Nagase ChemteX Corporation Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: 3D ENCAPSULATION ADHESIVE BY MANUFACTURER

- 3.1 Global 3D Encapsulation Adhesive Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global 3D Encapsulation Adhesive Revenue by Manufacturer (2020-2025)
- 3.3 Global 3D Encapsulation Adhesive Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of 3D Encapsulation Adhesive by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 3D Encapsulation Adhesive Manufacturer Market Share in 2024
 - 3.4.3 Top 6 3D Encapsulation Adhesive Manufacturer Market Share in 2024
- 3.5 3D Encapsulation Adhesive Market: Overall Company Footprint Analysis
 - 3.5.1 3D Encapsulation Adhesive Market: Region Footprint
 - 3.5.2 3D Encapsulation Adhesive Market: Company Product Type Footprint
 - 3.5.3 3D Encapsulation Adhesive 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 3D Encapsulation Adhesive Market Size by Region
 - 4.1.1 Global 3D Encapsulation Adhesive Sales Quantity by Region (2020-2031)
 - 4.1.2 Global 3D Encapsulation Adhesive Consumption Value by Region (2020-2031)
 - 4.1.3 Global 3D Encapsulation Adhesive Average Price by Region (2020-2031)
- 4.2 North America 3D Encapsulation Adhesive Consumption Value (2020-2031)
- 4.3 Europe 3D Encapsulation Adhesive Consumption Value (2020-2031)
- 4.4 Asia-Pacific 3D Encapsulation Adhesive Consumption Value (2020-2031)
- 4.5 South America 3D Encapsulation Adhesive Consumption Value (2020-2031)
- 4.6 Middle East & Africa 3D Encapsulation Adhesive Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global 3D Encapsulation Adhesive Sales Quantity by Type (2020-2031)
- 5.2 Global 3D Encapsulation Adhesive Consumption Value by Type (2020-2031)
- 5.3 Global 3D Encapsulation Adhesive Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global 3D Encapsulation Adhesive Sales Quantity by Application (2020-2031)
- 6.2 Global 3D Encapsulation Adhesive Consumption Value by Application (2020-2031)
- 6.3 Global 3D Encapsulation Adhesive Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America 3D Encapsulation Adhesive Sales Quantity by Type (2020-2031)

7.2 North America 3D Encapsulation Adhesive Sales Quantity by Application (2020-2031)

7.3 North America 3D Encapsulation Adhesive Market Size by Country

7.3.1 North America 3D Encapsulation Adhesive Sales Quantity by Country (2020-2031)

7.3.2 North America 3D Encapsulation Adhesive Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe 3D Encapsulation Adhesive Sales Quantity by Type (2020-2031)

8.2 Europe 3D Encapsulation Adhesive Sales Quantity by Application (2020-2031)

8.3 Europe 3D Encapsulation Adhesive Market Size by Country

8.3.1 Europe 3D Encapsulation Adhesive Sales Quantity by Country (2020-2031)

8.3.2 Europe 3D Encapsulation Adhesive Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific 3D Encapsulation Adhesive Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific 3D Encapsulation Adhesive Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific 3D Encapsulation Adhesive Market Size by Region

9.3.1 Asia-Pacific 3D Encapsulation Adhesive Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific 3D Encapsulation Adhesive Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

- 9.3.6 India Market Size and Forecast (2020-2031)
- 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
- 9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

- 10.1 South America 3D Encapsulation Adhesive Sales Quantity by Type (2020-2031)
- 10.2 South America 3D Encapsulation Adhesive Sales Quantity by Application (2020-2031)
- 10.3 South America 3D Encapsulation Adhesive Market Size by Country
 - 10.3.1 South America 3D Encapsulation Adhesive Sales Quantity by Country (2020-2031)
 - 10.3.2 South America 3D Encapsulation Adhesive Consumption Value by Country (2020-2031)
 - 10.3.3 Brazil Market Size and Forecast (2020-2031)
 - 10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa 3D Encapsulation Adhesive Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa 3D Encapsulation Adhesive Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa 3D Encapsulation Adhesive Market Size by Country
 - 11.3.1 Middle East & Africa 3D Encapsulation Adhesive Sales Quantity by Country (2020-2031)
 - 11.3.2 Middle East & Africa 3D Encapsulation Adhesive Consumption Value by Country (2020-2031)
 - 11.3.3 Turkey Market Size and Forecast (2020-2031)
 - 11.3.4 Egypt Market Size and Forecast (2020-2031)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
 - 11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 3D Encapsulation Adhesive Market Drivers
- 12.2 3D Encapsulation Adhesive Market Restraints
- 12.3 3D Encapsulation Adhesive 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 3D Encapsulation Adhesive and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of 3D Encapsulation Adhesive
- 13.3 3D Encapsulation Adhesive Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 3D Encapsulation Adhesive Typical Distributors
- 14.3 3D Encapsulation Adhesive Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global 3D Encapsulation Adhesive Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global 3D Encapsulation Adhesive Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Showa Denko Basic Information, Manufacturing Base and Competitors

Table 4. Showa Denko Major Business

Table 5. Showa Denko 3D Encapsulation Adhesive Product and Services

Table 6. Showa Denko 3D Encapsulation Adhesive Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Showa Denko Recent Developments/Updates

Table 8. 3M Basic Information, Manufacturing Base and Competitors

Table 9. 3M Major Business

Table 10. 3M 3D Encapsulation Adhesive Product and Services

Table 11. 3M 3D Encapsulation Adhesive Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. 3M Recent Developments/Updates

Table 13. JSR Basic Information, Manufacturing Base and Competitors

Table 14. JSR Major Business

Table 15. JSR 3D Encapsulation Adhesive Product and Services

Table 16. JSR 3D Encapsulation Adhesive Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. JSR Recent Developments/Updates

Table 18. Ibiden Basic Information, Manufacturing Base and Competitors

Table 19. Ibiden Major Business

Table 20. Ibiden 3D Encapsulation Adhesive Product and Services

Table 21. Ibiden 3D Encapsulation Adhesive Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Ibiden Recent Developments/Updates

Table 23. Shinko Electric Industries Co.,Ltd Basic Information, Manufacturing Base and Competitors

Table 24. Shinko Electric Industries Co.,Ltd Major Business

Table 25. Shinko Electric Industries Co.,Ltd 3D Encapsulation Adhesive Product and Services

Table 26. Shinko Electric Industries Co.,Ltd 3D Encapsulation Adhesive Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market

Share (2020-2025)

Table 27. Shinko Electric Industries Co.,Ltd Recent Developments/Updates

Table 28. Nissan Chemical Industries, Ltd. Basic Information, Manufacturing Base and Competitors

Table 29. Nissan Chemical Industries, Ltd. Major Business

Table 30. Nissan Chemical Industries, Ltd. 3D Encapsulation Adhesive Product and Services

Table 31. Nissan Chemical Industries, Ltd. 3D Encapsulation Adhesive Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Nissan Chemical Industries, Ltd. Recent Developments/Updates

Table 33. Nagase ChemteX Corporation Basic Information, Manufacturing Base and Competitors

Table 34. Nagase ChemteX Corporation Major Business

Table 35. Nagase ChemteX Corporation 3D Encapsulation Adhesive Product and Services

Table 36. Nagase ChemteX Corporation 3D Encapsulation Adhesive Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Nagase ChemteX Corporation Recent Developments/Updates

Table 38. Global 3D Encapsulation Adhesive Sales Quantity by Manufacturer (2020-2025) & (Tons)

Table 39. Global 3D Encapsulation Adhesive Revenue by Manufacturer (2020-2025) & (USD Million)

Table 40. Global 3D Encapsulation Adhesive Average Price by Manufacturer (2020-2025) & (US\$/Ton)

Table 41. Market Position of Manufacturers in 3D Encapsulation Adhesive, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 42. Head Office and 3D Encapsulation Adhesive Production Site of Key Manufacturer

Table 43. 3D Encapsulation Adhesive Market: Company Product Type Footprint

Table 44. 3D Encapsulation Adhesive Market: Company Product Application Footprint

Table 45. 3D Encapsulation Adhesive New Market Entrants and Barriers to Market Entry

Table 46. 3D Encapsulation Adhesive Mergers, Acquisition, Agreements, and Collaborations

Table 47. Global 3D Encapsulation Adhesive Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 48. Global 3D Encapsulation Adhesive Sales Quantity by Region (2020-2025) &

(Tons)

Table 49. Global 3D Encapsulation Adhesive Sales Quantity by Region (2026-2031) & (Tons)

Table 50. Global 3D Encapsulation Adhesive Consumption Value by Region (2020-2025) & (USD Million)

Table 51. Global 3D Encapsulation Adhesive Consumption Value by Region (2026-2031) & (USD Million)

Table 52. Global 3D Encapsulation Adhesive Average Price by Region (2020-2025) & (US\$/Ton)

Table 53. Global 3D Encapsulation Adhesive Average Price by Region (2026-2031) & (US\$/Ton)

Table 54. Global 3D Encapsulation Adhesive Sales Quantity by Type (2020-2025) & (Tons)

Table 55. Global 3D Encapsulation Adhesive Sales Quantity by Type (2026-2031) & (Tons)

Table 56. Global 3D Encapsulation Adhesive Consumption Value by Type (2020-2025) & (USD Million)

Table 57. Global 3D Encapsulation Adhesive Consumption Value by Type (2026-2031) & (USD Million)

Table 58. Global 3D Encapsulation Adhesive Average Price by Type (2020-2025) & (US\$/Ton)

Table 59. Global 3D Encapsulation Adhesive Average Price by Type (2026-2031) & (US\$/Ton)

Table 60. Global 3D Encapsulation Adhesive Sales Quantity by Application (2020-2025) & (Tons)

Table 61. Global 3D Encapsulation Adhesive Sales Quantity by Application (2026-2031) & (Tons)

Table 62. Global 3D Encapsulation Adhesive Consumption Value by Application (2020-2025) & (USD Million)

Table 63. Global 3D Encapsulation Adhesive Consumption Value by Application (2026-2031) & (USD Million)

Table 64. Global 3D Encapsulation Adhesive Average Price by Application (2020-2025) & (US\$/Ton)

Table 65. Global 3D Encapsulation Adhesive Average Price by Application (2026-2031) & (US\$/Ton)

Table 66. North America 3D Encapsulation Adhesive Sales Quantity by Type (2020-2025) & (Tons)

Table 67. North America 3D Encapsulation Adhesive Sales Quantity by Type (2026-2031) & (Tons)

Table 68. North America 3D Encapsulation Adhesive Sales Quantity by Application (2020-2025) & (Tons)

Table 69. North America 3D Encapsulation Adhesive Sales Quantity by Application (2026-2031) & (Tons)

Table 70. North America 3D Encapsulation Adhesive Sales Quantity by Country (2020-2025) & (Tons)

Table 71. North America 3D Encapsulation Adhesive Sales Quantity by Country (2026-2031) & (Tons)

Table 72. North America 3D Encapsulation Adhesive Consumption Value by Country (2020-2025) & (USD Million)

Table 73. North America 3D Encapsulation Adhesive Consumption Value by Country (2026-2031) & (USD Million)

Table 74. Europe 3D Encapsulation Adhesive Sales Quantity by Type (2020-2025) & (Tons)

Table 75. Europe 3D Encapsulation Adhesive Sales Quantity by Type (2026-2031) & (Tons)

Table 76. Europe 3D Encapsulation Adhesive Sales Quantity by Application (2020-2025) & (Tons)

Table 77. Europe 3D Encapsulation Adhesive Sales Quantity by Application (2026-2031) & (Tons)

Table 78. Europe 3D Encapsulation Adhesive Sales Quantity by Country (2020-2025) & (Tons)

Table 79. Europe 3D Encapsulation Adhesive Sales Quantity by Country (2026-2031) & (Tons)

Table 80. Europe 3D Encapsulation Adhesive Consumption Value by Country (2020-2025) & (USD Million)

Table 81. Europe 3D Encapsulation Adhesive Consumption Value by Country (2026-2031) & (USD Million)

Table 82. Asia-Pacific 3D Encapsulation Adhesive Sales Quantity by Type (2020-2025) & (Tons)

Table 83. Asia-Pacific 3D Encapsulation Adhesive Sales Quantity by Type (2026-2031) & (Tons)

Table 84. Asia-Pacific 3D Encapsulation Adhesive Sales Quantity by Application (2020-2025) & (Tons)

Table 85. Asia-Pacific 3D Encapsulation Adhesive Sales Quantity by Application (2026-2031) & (Tons)

Table 86. Asia-Pacific 3D Encapsulation Adhesive Sales Quantity by Region (2020-2025) & (Tons)

Table 87. Asia-Pacific 3D Encapsulation Adhesive Sales Quantity by Region

(2026-2031) & (Tons)

Table 88. Asia-Pacific 3D Encapsulation Adhesive Consumption Value by Region (2020-2025) & (USD Million)

Table 89. Asia-Pacific 3D Encapsulation Adhesive Consumption Value by Region (2026-2031) & (USD Million)

Table 90. South America 3D Encapsulation Adhesive Sales Quantity by Type (2020-2025) & (Tons)

Table 91. South America 3D Encapsulation Adhesive Sales Quantity by Type (2026-2031) & (Tons)

Table 92. South America 3D Encapsulation Adhesive Sales Quantity by Application (2020-2025) & (Tons)

Table 93. South America 3D Encapsulation Adhesive Sales Quantity by Application (2026-2031) & (Tons)

Table 94. South America 3D Encapsulation Adhesive Sales Quantity by Country (2020-2025) & (Tons)

Table 95. South America 3D Encapsulation Adhesive Sales Quantity by Country (2026-2031) & (Tons)

Table 96. South America 3D Encapsulation Adhesive Consumption Value by Country (2020-2025) & (USD Million)

Table 97. South America 3D Encapsulation Adhesive Consumption Value by Country (2026-2031) & (USD Million)

Table 98. Middle East & Africa 3D Encapsulation Adhesive Sales Quantity by Type (2020-2025) & (Tons)

Table 99. Middle East & Africa 3D Encapsulation Adhesive Sales Quantity by Type (2026-2031) & (Tons)

Table 100. Middle East & Africa 3D Encapsulation Adhesive Sales Quantity by Application (2020-2025) & (Tons)

Table 101. Middle East & Africa 3D Encapsulation Adhesive Sales Quantity by Application (2026-2031) & (Tons)

Table 102. Middle East & Africa 3D Encapsulation Adhesive Sales Quantity by Country (2020-2025) & (Tons)

Table 103. Middle East & Africa 3D Encapsulation Adhesive Sales Quantity by Country (2026-2031) & (Tons)

Table 104. Middle East & Africa 3D Encapsulation Adhesive Consumption Value by Country (2020-2025) & (USD Million)

Table 105. Middle East & Africa 3D Encapsulation Adhesive Consumption Value by Country (2026-2031) & (USD Million)

Table 106. 3D Encapsulation Adhesive Raw Material

Table 107. Key Manufacturers of 3D Encapsulation Adhesive Raw Materials

Table 108. 3D Encapsulation Adhesive Typical Distributors

Table 109. 3D Encapsulation Adhesive Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. 3D Encapsulation Adhesive Picture

Figure 2. Global 3D Encapsulation Adhesive Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global 3D Encapsulation Adhesive Revenue Market Share by Type in 2024

Figure 4. Epoxy Resins Examples

Figure 5. Metal Powders Examples

Figure 6. Global 3D Encapsulation Adhesive Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global 3D Encapsulation Adhesive Revenue Market Share by Application in 2024

Figure 8. 6-Inch Wafers Examples

Figure 9. 8-Inch Wafers Examples

Figure 10. 12-Inch Wafers Examples

Figure 11. Global 3D Encapsulation Adhesive Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 12. Global 3D Encapsulation Adhesive Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 13. Global 3D Encapsulation Adhesive Sales Quantity (2020-2031) & (Tons)

Figure 14. Global 3D Encapsulation Adhesive Price (2020-2031) & (US\$/Ton)

Figure 15. Global 3D Encapsulation Adhesive Sales Quantity Market Share by Manufacturer in 2024

Figure 16. Global 3D Encapsulation Adhesive Revenue Market Share by Manufacturer in 2024

Figure 17. Producer Shipments of 3D Encapsulation Adhesive by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 18. Top 3 3D Encapsulation Adhesive Manufacturer (Revenue) Market Share in 2024

Figure 19. Top 6 3D Encapsulation Adhesive Manufacturer (Revenue) Market Share in 2024

Figure 20. Global 3D Encapsulation Adhesive Sales Quantity Market Share by Region (2020-2031)

Figure 21. Global 3D Encapsulation Adhesive Consumption Value Market Share by Region (2020-2031)

Figure 22. North America 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 23. Europe 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 24. Asia-Pacific 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 25. South America 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 26. Middle East & Africa 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 27. Global 3D Encapsulation Adhesive Sales Quantity Market Share by Type (2020-2031)

Figure 28. Global 3D Encapsulation Adhesive Consumption Value Market Share by Type (2020-2031)

Figure 29. Global 3D Encapsulation Adhesive Average Price by Type (2020-2031) & (US\$/Ton)

Figure 30. Global 3D Encapsulation Adhesive Sales Quantity Market Share by Application (2020-2031)

Figure 31. Global 3D Encapsulation Adhesive Revenue Market Share by Application (2020-2031)

Figure 32. Global 3D Encapsulation Adhesive Average Price by Application (2020-2031) & (US\$/Ton)

Figure 33. North America 3D Encapsulation Adhesive Sales Quantity Market Share by Type (2020-2031)

Figure 34. North America 3D Encapsulation Adhesive Sales Quantity Market Share by Application (2020-2031)

Figure 35. North America 3D Encapsulation Adhesive Sales Quantity Market Share by Country (2020-2031)

Figure 36. North America 3D Encapsulation Adhesive Consumption Value Market Share by Country (2020-2031)

Figure 37. United States 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 38. Canada 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 39. Mexico 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 40. Europe 3D Encapsulation Adhesive Sales Quantity Market Share by Type (2020-2031)

Figure 41. Europe 3D Encapsulation Adhesive Sales Quantity Market Share by Application (2020-2031)

Figure 42. Europe 3D Encapsulation Adhesive Sales Quantity Market Share by Country

(2020-2031)

Figure 43. Europe 3D Encapsulation Adhesive Consumption Value Market Share by Country (2020-2031)

Figure 44. Germany 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 45. France 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 46. United Kingdom 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 47. Russia 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 48. Italy 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 49. Asia-Pacific 3D Encapsulation Adhesive Sales Quantity Market Share by Type (2020-2031)

Figure 50. Asia-Pacific 3D Encapsulation Adhesive Sales Quantity Market Share by Application (2020-2031)

Figure 51. Asia-Pacific 3D Encapsulation Adhesive Sales Quantity Market Share by Region (2020-2031)

Figure 52. Asia-Pacific 3D Encapsulation Adhesive Consumption Value Market Share by Region (2020-2031)

Figure 53. China 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 54. Japan 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 55. South Korea 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 56. India 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 57. Southeast Asia 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 58. Australia 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 59. South America 3D Encapsulation Adhesive Sales Quantity Market Share by Type (2020-2031)

Figure 60. South America 3D Encapsulation Adhesive Sales Quantity Market Share by Application (2020-2031)

Figure 61. South America 3D Encapsulation Adhesive Sales Quantity Market Share by Country (2020-2031)

Figure 62. South America 3D Encapsulation Adhesive Consumption Value Market Share by Country (2020-2031)

Figure 63. Brazil 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 64. Argentina 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 65. Middle East & Africa 3D Encapsulation Adhesive Sales Quantity Market Share by Type (2020-2031)

Figure 66. Middle East & Africa 3D Encapsulation Adhesive Sales Quantity Market Share by Application (2020-2031)

Figure 67. Middle East & Africa 3D Encapsulation Adhesive Sales Quantity Market Share by Country (2020-2031)

Figure 68. Middle East & Africa 3D Encapsulation Adhesive Consumption Value Market Share by Country (2020-2031)

Figure 69. Turkey 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 70. Egypt 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 71. Saudi Arabia 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 72. South Africa 3D Encapsulation Adhesive Consumption Value (2020-2031) & (USD Million)

Figure 73. 3D Encapsulation Adhesive Market Drivers

Figure 74. 3D Encapsulation Adhesive Market Restraints

Figure 75. 3D Encapsulation Adhesive Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of 3D Encapsulation Adhesive in 2024

Figure 78. Manufacturing Process Analysis of 3D Encapsulation Adhesive

Figure 79. 3D Encapsulation Adhesive Industrial Chain

Figure 80. Sales Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

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