

Structural Adhesive Market by Type (Acrylic, Cyanoacrylates, Epoxy, Methylacrylate, Polyurethane, and Others), by Application (Automotive, Aerospace, Building & Construction, Bus & Truck, Marine, Rail, and Wind) - Global Forecasts to 2020New Title: Structural Adhesive Market by Type (Epoxy, Polyurethane, Acrylic, Methyl Methacrylate, Cyanoacrylate & Others), Application (Building & Construction, Bus & Truck, Automotive, Aerospace, Marine, Wind Energy & Others) - Global Forecast to 2021

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## **Abstracts**

"High demand from building & construction, high growth in wind energy are major drivers for the structural adhesives market"

The global structural adhesives market size is estimated to reach USD 12.74 billion by 2021, registering a CAGR of 6.9% between 2016 and 2021. Increasing demand for composites and lightweight metals in applications such as automotive, bus & truck, aerospace, wind energy, and building & construction among others is fueling the overall demand of structural adhesives in the next five years.

"Wind energy, the fastest-growing application of structural adhesives"

Globally, wind energy is the fastest-growing application of structural adhesives, in terms of volume. Use of adhesives in the wind energy industry is increasing with the



increasing use of composites, as it is the preferred material for fabricating and bonding rotor blades of wind turbine, nacelle assemblies, gearbox, and towers. While fabricating wind turbines, approximately 85%-90% of steel, 5%–6% of composites, 1%–2% of adhesives, and 3%-5% of other materials are used generally. Structural adhesives offer the benefit of lightweight components, outstanding shear and peel strength, faster curing speed, excellent impact resistance, and durability.

"Rising demand in Asia-Pacific is the major driver of the structural adhesives market"

Asia-Pacific is the largest and fastest-growing market of structural adhesives, in terms of both value and volume. High economic growth rate, growing manufacturing industries, cheap labor, increasing foreign investments, increasing demand from enduse industries, and a global shift in production capacity from the developed markets to the emerging markets are major factors leading to the growth of the structural adhesives market in this region.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted. The breakdown of primary interviews is given below.

By Company Type - Tier 1 – 46%, Tier 2 – 27%, and Others – 27%

By Designation - C level – 36%, D level – 18%, and Others – 46%

By Region - North America – 37%, Europe – 36%, Asia-Pacific – 18%, and RoW – 9%

The key companies profiled in this market research report are Henkel AG (Germany), 3M (U.S.), Ashland (U.S.), Dow Chemical Company (U.S.), Sika AG (Switzerland), Scott Bader (England), Arkema (France), Lord Corporation (U.S.), Hubei Huitian Adhesive Enterprise Co. (China), and ITW (U.S.).

The report will help market leaders/new entrants in the following ways:

- 1. This report segments the structural adhesives market comprehensively and provides the closest approximations of the market sizes for the overall market and the sub segments in different verticals and regions.
- 2. This report will help stakeholders to understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.



3. This report will help stakeholders to understand the major competitors and gain additional insights to improve their position in the business. The competitive landscape section includes new product developments, investments, and mergers & acquisitions.



## **Contents**

#### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

#### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
- 2.2 SECONDARY DATA
  - 2.2.1.1 Data from secondary sources
  - 2.2.2 PRIMARY DATA
    - 2.2.2.1 Data from primary sources
    - 2.2.2.2 Key industry insights
    - 2.2.2.3 Breakdown of primary interviews
- 2.3 MARKET SIZE ESTIMATION
  - 2.3.1 BOTTOM-UP APPROACH
  - 2.3.2 TOP-DOWN APPROACH
- 2.4 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.5 RESEARCH ASSUMPTIONS

### **3 EXECUTIVE SUMMARY**

#### **4 PREMIUM INSIGHTS**

- 4.1 ATTRACTIVE OPPORTUNITIES IN STRUCTURAL ADHESIVES MARKET
- 4.2 STRUCTURAL ADHESIVES MARKET GROWTH, BY TYPE
- 4.3 STRUCTURAL ADHESIVES MARKET DOMINATED BY BUILDING & CONSTRUCTION APPLICATION
- 4.4 STRUCTURAL ADHESIVES MARKET GROWTH, BY REGION
- 4.5 STRUCTURAL ADHESIVES MARKET, DEVELOPED VS. DEVELOPING
- 4.6 ASIA-PACIFIC STRUCTURAL ADHESIVES MARKET, 2016 VS. 2021



## 4.7 LIFECYCLE ANALYSIS, BY REGION

#### **5 MARKET OVERVIEW**

- 5.1 INTRODUCTION
- 5.2 MARKET SEGMENTATION
- 5.3 ADVANTAGES OF STRUCTURAL ADHESIVES
- 5.4 DISADVANTAGES OF STRUCTURAL ADHESIVES
- 5.5 MARKET DYNAMICS
  - **5.5.1 DRIVERS** 
    - 5.5.1.1 Increasing penetration of composites
    - 5.5.1.2 Huge investments in emerging economies of Asia-Pacific
- 5.5.1.3 Increasing demand from automotive, building & construction, aerospace, and wind energy applications
- 5.5.1.4 Revolutionary advancements in weight reduction, safety, and ease of application
  - 5.5.2 RESTRAINTS
    - 5.5.2.1 Volatility in raw material prices
    - 5.5.2.2 Environmental regulation in European countries
  - 5.5.3 OPPORTUNITIES
- 5.5.3.1 Increasing demand for non-hazardous, green, and sustainable structural adhesives
- 5.5.3.2 Increasing demand for lightweight and low carbon emitting vehicles and aircrafts
- 5.5.3.3 Economic growth and rising government expenditure on infrastructure development
  - 5.5.3.4 Creating awareness about benefits of structural adhesives
  - 5.5.4 CHALLENGES
    - 5.5.4.1 Established transportation and infrastructure sectors in developed countries
    - 5.5.4.2 Shifting rules and changing standards
  - 5.5.4.3 Stringent and lengthy practices for raw material's certifications
- 5.6 PROSPECTIVE CUSTOMER LIST
  - 5.6.1 AUTOMOTIVE
  - 5.6.2 BUS & TRUCK
  - 5.6.3 BUILDING & CONSTRUCTION
  - 5.6.4 RAIL
  - **5.6.5 MARINE**
  - 5.6.6 AEROSPACE
  - 5.6.7 WIND ENERGY



#### **6 INDUSTRY TRENDS**

- 6.1 VALUE CHAIN ANALYSIS
- **6.2 COST BREAKDOWN**
- **6.3 PATENT ANALYSIS**
- 6.4 PORTER'S FIVE FORCES ANALYSIS
  - 6.4.1 THREAT OF NEW ENTRANTS
  - 6.4.2 THREAT OF SUBSTITUTES
  - 6.4.3 BARGAINING POWER OF BUYERS
  - 6.4.4 BARGAINING POWER OF SUPPLIERS
  - 6.4.5 DEGREE OF COMPETITION

## 7 STRUCTURAL ADHESIVES MARKET, BY TYPE

- 7.1 INTRODUCTION
- 7.2 METHYL METHACRYLATE
- 7.3 ACRYLIC
- 7.4 POLYURETHANE
  - 7.4.1 REACTIVE ADHESIVES
    - 7.4.1.1 One-component adhesives
  - 7.4.1.2 Two-component adhesives
- 7.5 CYANOACRYLATE
- 7.6 EPOXY
- 7.7 OTHERS

## 8 STRUCTURAL ADHESIVES MARKET, BY APPLICATION

- 8.1 INTRODUCTION
- 8.2 AEROSPACE
- 8.3 BUILDING & CONSTRUCTION
- 8.4 BUS & TRUCK
- 8.5 AUTOMOTIVE
- 8.6 MARINE
- 8.7 RAIL
- 8.8 WIND ENERGY
- 8.9 OTHER APPLICATIONS

#### 9 STRUCTURAL ADHESIVES MARKET, BY REGION



- 9.1 INTRODUCTION
- 9.2 ASIA-PACIFIC
  - 9.2.1 BY TYPE
  - 9.2.2 BY APPLICATION
  - 9.2.3 BY MATERIAL
  - 9.2.4 BY COUNTRY
    - 9.2.4.1 China
      - 9.2.4.1.1 Macroeconomic indicators
      - 9.2.4.1.2 Market Size & Forecast
    - 9.2.4.2 Japan
      - 9.2.4.2.1 Macroeconomic indicators
      - 9.2.4.2.2 Market size &forecast
    - 9.2.4.3 India
    - 9.2.4.3.1 Macroeconomic indicators
    - 9.2.4.3.2 Market size & Forecast
    - 9.2.4.4 Taiwan
      - 9.2.4.4.1 Market size & Forecast
    - 9.2.4.5 Thailand
      - 9.2.4.5.1 Macroeconomic indicators
      - 9.2.4.5.2 Market size & Forecast
    - 9.2.4.6 Vietnam
      - 9.2.4.6.1 Market size & Forecast
    - 9.2.4.7 South Korea
      - 9.2.4.7.1 Macroeconomic indicators
      - 9.2.4.7.2 Market size & forecast
    - 9.2.4.8 Rest of Asia-Pacific
      - 9.2.4.8.1 Market size & Forecast
- 9.3 NORTH AMERICA
  - 9.3.1 BY TYPE
  - 9.3.2 BY APPLICATION
  - 9.3.3 BY MATERIAL
  - 9.3.4 BY COUNTRY
    - 9.3.4.1 U.S.
      - 9.3.4.1.1 Macroeconomic indicators
      - 9.3.4.1.2 Market size & forecast
    - 9.3.4.2 Canada
      - 9.3.4.2.1 Macroeconomic indicators
      - 9.3.4.2.2 Market size & Forecast



- 9.3.4.3 Mexico
  - 9.3.4.3.1 Macroeconomic indicators
- 9.3.4.4 Market size & Forecast
- 9.4 EUROPE
  - 9.4.1 BY TYPE
  - 9.4.2 BY APPLICATION
  - 9.4.3 BY MATERIAL
  - 9.4.4 BY COUNTRY
    - 9.4.4.1 Germany
      - 9.4.4.1.1 Macroeconomic indicators
      - 9.4.4.1.2 Market size & Forecast
    - 9.4.4.2 France
      - 9.4.4.2.1 Macroeconomic indicators
    - 9.4.4.2.2 Market size & Forecast
    - 9.4.4.3 Italy
      - 9.4.4.3.1 Market size & Forecast
    - 9.4.4.4 U.K.
      - 9.4.4.4.1 Macroeconomic indicators
      - 9.4.4.4.2 Market size & Forecast
    - 9.4.4.5 Russia
      - 9.4.4.5.1 Macroeconomic indicators
      - 9.4.4.5.2 Market size & Forecast
    - 9.4.4.6 Turkey
      - 9.4.4.6.1 Macroeconomic indicators
      - 9.4.4.6.2 Market size & Forecast
    - 9.4.4.7 Rest of Europe
      - 9.4.4.7.1 Market size & Forecast
- 9.5 SOUTH AMERICA
  - 9.5.1 BY TYPE
  - 9.5.2 BY APPLICATION
  - 9.5.3 BY MATERIAL
  - 9.5.4 BY COUNTRY
    - 9.5.4.1 Brazil
      - 9.5.4.1.1 Market size & Forecast
    - 9.5.4.2 Argentina
      - 9.5.4.2.1 Market size & Forecast
    - 9.5.4.3 Colombia
    - 9.5.4.3.1 Market size & Forecast
    - 9.5.4.4 Rest of South America



9.5.4.4.1 Market size & Forecast

9.6 ROW

9.6.1 BY TYPE

9.6.2 BY APPLICATION

9.6.3 BY MATERIAL

9.6.4 BY COUNTRY

9.6.4.1 UAE

9.6.4.1.1 Market size & Forecast

9.6.4.2 Saudi Arabia

9.6.4.2.1 Market size & Forecast

9.6.4.3 Others

9.6.4.3.1 Market size & Forecast

#### 10 COMPETITIVE LANDSCAPE

- 10.1 OVERVIEW
- 10.2 COMPETITIVE SITUATIONS AND TRENDS
- 10.3 INVESTMENT & EXPANSION
- 10.4 NEW PRODUCT LAUNCH
- 10.5 PARTNERSHIP & AGREEMENT
- 10.6 ACQUISITION

#### 11 COMPANY PROFILES

(Overview, Financials, Products & Services, Strategy, and Developments)\*

- 11.1 HENKEL AG
- 11.2 ASHLAND
- **11.3 SIKA AG**
- 11.4 ARKEMA
- 11.5 3M
- 11.6 DOW CHEMICAL COMPANY
- 11.7 LORD CORPORATION
- 11.8 HUBEI HUITIAN ADHESIVE ENTERPRISE CO., LTD.
- 11.9 ILLINOIS TOOL WORKS
- 11.10 SCOTT BADER

<sup>\*</sup>Details on overview, financials, product & services, strategy, and developments might not be captured in case of unlisted companies.



## 11.11 OTHER KEY PLAYERS

## **12 APPENDIX**

- 12.1 INSIGHTS OF INDUSTRY EXPERTS
- 12.2 DISCUSSION GUIDE
- 12.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
- 12.4 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE
- 12.5 AVAILABLE CUSTOMIZATIONS
- 12.6 RELATED REPORTS



## **List Of Tables**

#### LIST OF TABLES

TABLE 1 STRUCTURAL ADHESIVES MARKET OVERVIEW 2016 VS. 2021

TABLE 2 CLASSIFICATION OF STRUCTURAL ADHESIVES

TABLE 3 STRUCTURAL ADHESIVES MARKET, BY TYPE

TABLE 4 STRUCTURAL ADHESIVES MARKET, BY APPLICATION

TABLE 5 TOP 10 ECONOMIES BY GDP IN PPP TERMS, 2010 VS. 2020

TABLE 6 STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 7 STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 8 METHYL METHACRYLATE STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

TABLE 9 METHYL METHACRYLATE STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

TABLE 10 ACRYLIC STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

TABLE 11 ACRYLIC STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

TABLE 12 POLYURETHANE STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

TABLE 13 POLYURETHANE STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

TABLE 14 CYANOACRYLATE STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

TABLE 15 CYANOACRYLATE STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

TABLE 16 EPOXY STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

TABLE 17 EPOXY STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

TABLE 18 OTHER STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

TABLE 19 OTHER STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

TABLE 20 STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)



TABLE 21 STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 22 STRUCTURAL ADHESIVES MARKET SIZE IN AEROSPACE, BY REGION, 2014–2021 (KILOTON)

TABLE 23 STRUCTURAL ADHESIVES MARKET SIZE IN AEROSPACE, BY REGION, 2014–2021 (USD MILLION)

TABLE 24 STRUCTURAL ADHESIVES MARKET SIZE IN BUILDING & CONSTRUCTION, BY REGION, 2014–2021 (KILOTON)

TABLE 25 STRUCTURAL ADHESIVES MARKET SIZE IN BUILDING & CONSTRUCTION, BY REGION, 2014–2021 (USD MILLION)

TABLE 26 STRUCTURAL ADHESIVES MARKET SIZE IN BUS & TRUCK, BY REGION, 2014–2021 (KILOTON)

TABLE 27 STRUCTURAL ADHESIVES MARKET SIZE IN BUS & TRUCK, BY REGION, 2014–2021 (USD MILLION)

TABLE 28 STRUCTURAL ADHESIVES MARKET SIZE IN AUTOMOTIVE, BY REGION, 2014–2021 (KILOTON)

TABLE 29 STRUCTURAL ADHESIVES MARKET SIZE IN AUTOMOTIVE, BY REGION, 2014–2021 (USD MILLION)

TABLE 30 STRUCTURAL ADHESIVES MARKET SIZE IN MARINE, BY REGION, 2014–2021 (KILOTON)

TABLE 31 STRUCTURAL ADHESIVES MARKET SIZE IN MARINE, BY REGION, 2014–2021 (USD MILLION)

TABLE 32 STRUCTURAL ADHESIVES MARKET SIZE IN RAIL, BY REGION, 2014–2021 (KILOTON)

TABLE 33 STRUCTURAL ADHESIVES MARKET SIZE IN RAIL, BY REGION, 2014–2021 (USD MILLION)

TABLE 34 STRUCTURAL ADHESIVES MARKET SIZE IN WIND ENERGY, BY REGION, 2014–2021 (KILOTON)

TABLE 35 STRUCTURAL ADHESIVES MARKET SIZE IN WIND ENERGY, BY REGION, 2014–2021 (USD MILLION)

TABLE 36 STRUCTURAL ADHESIVES MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2014–2021 (KILOTON)

TABLE 37 STRUCTURAL ADHESIVES MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2014–2021 (USD MILLION)

TABLE 38 STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

TABLE 39 STRUCTURAL ADHESIVES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

TABLE 40 ASIA-PACIFIC: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE,



2014-2021 (KILOTON)

TABLE 41 ASIA-PACIFIC: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 42 ASIA-PACIFIC: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 43 ASIA-PACIFIC: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 44 ASIA-PACIFIC: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 45 ASIA-PACIFIC: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 46 ASIA-PACIFIC: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 47 ASIA-PACIFIC: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 48 MACROECONOMIC INDICATORS, 2010-2014

TABLE 49 CHINA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 50 CHINA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 51 MACROECONOMIC INDICATORS, 2010-2014

TABLE 52 JAPAN: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 53 JAPAN: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 54 MACROECONOMIC INDICATORS, 2010-2014

TABLE 55 INDIA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 56 INDIA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 57 TAIWAN: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 58 TAIWAN: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 59 MACROECONOMIC INDICATORS, 2010-2014

TABLE 60 THAILAND: STRUCTURAL ADHESIVES MARKET SIZE, BY

APPLICATION, 2014–2021 (KILOTON)

TABLE 61 THAILAND: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)



TABLE 62 VIETNAM: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 63 VIETNAM: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 64 MACROECONOMIC INDICATORS, 2010-2014

TABLE 65 SOUTH KOREA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 66 SOUTH KOREA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 67 REST OF ASIA-PACIFIC: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 68 REST OF ASIA-PACIFIC: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 69 NORTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 70 NORTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 71 NORTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 72 NORTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 73 NORTH AMERICA: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 74 NORTH AMERICA: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 75 NORTH AMERICA: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 76 NORTH AMERICA: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 77 MACROECONOMIC INDICATORS, 2010-2014

TABLE 78 U.S.: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 79 U.S.: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 80 MACROECONOMIC INDICATORS, 2010–2014

TABLE 81 CANADA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 82 CANADA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)



TABLE 83 MACROECONOMIC INDICATORS, 2010-2014

TABLE 84 MEXICO: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 85 MEXICO: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 86 EUROPE: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 87 EUROPE: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 88 EUROPE: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 89 EUROPE: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 90 EUROPE: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 91 EUROPE: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 92 EUROPE: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 93 EUROPE: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 94 MACROECONOMIC INDICATORS, 2010-2014

TABLE 95 GERMANY: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 96 GERMANY: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 97 MACROECONOMIC INDICATORS, 2010-2014

TABLE 98 FRANCE: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 99 FRANCE: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 100 ITALY: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 101 ITALY: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 102 MACROECONOMIC INDICATORS, 2010-2014

TABLE 103 U.K.: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 104 U.K.: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION,



2014-2021 (USD MILLION)

TABLE 105 MACROECONOMIC INDICATORS, 2010-2014

TABLE 106 RUSSIA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 107 RUSSIA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 108 MACROECONOMIC INDICATORS, 2010-2014

TABLE 109 TURKEY: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 110 TURKEY: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 111 REST OF EUROPE: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 112 REST OF EUROPE: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 113 SOUTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 114 SOUTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 115 SOUTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 116 SOUTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 117 SOUTH AMERICA: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 118 SOUTH AMERICA: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 119 SOUTH AMERICA: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 120 SOUTH AMERICA: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 121 BRAZIL: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 122 BRAZIL: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 123 ARGENTINA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 124 ARGENTINA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)



TABLE 125 COLOMBIA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 126 COLOMBIA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 127 REST OF SOUTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 128 REST OF SOUTH AMERICA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 129 ROW: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 130 ROW: STRUCTURAL ADHESIVES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 131 ROW: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 132 ROW: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 133 ROW: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 134 ROW: STRUCTURAL EPOXY ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 135 ROW: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (KILOTON)

TABLE 136 ROW: STRUCTURAL MMA ADHESIVES MARKET SIZE, BY MATERIAL, 2014–2021 (USD MILLION)

TABLE 137 UAE: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 138 UAE: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 139 SAUDI ARABIA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 140 SAUDI ARABIA: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 141 OTHERS: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 142 OTHERS: STRUCTURAL ADHESIVES MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 143 INVESTMENT & EXPANSION, 2011–2016

TABLE 144 NEW PRODUCT LAUNCH, 2011–2016

TABLE 145 PARTNERSHIP& AGREEMENT, 2011–2016



TABLE 146 ACQUISITION, 2011-2016



# **List Of Figures**

#### LIST OF FIGURES

FIGURE 1 STRUCTURAL ADHESIVES MARKET: RESEARCH DESIGN

FIGURE 2 STRUCTURAL ADHESIVES MARKET: DATA TRIANGULATION

FIGURE 3 ASIA-PACIFIC STRUCTURAL ADHESIVES MARKET TO REGISTER

HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 4 BUS & TRUCK TO BE PREFERRED MARKET BETWEEN 2016 AND 2021

FIGURE 5 EPOXY TO REGISTER HIGHEST GROWTH RATE DURING FORECAST PERIOD

FIGURE 6 ASIA-PACIFIC ACCOUNTED FOR LARGEST SHARE OF THE STRUCTURAL ADHESIVES MARKET, 2015

FIGURE 7 STRUCTURAL ADHESIVES MARKET TO REGISTER A HIGH CAGR BETWEEN 2016 AND 2021

FIGURE 8 EPOXY TO LEAD STRUCTURAL ADHESIVES MARKET, 2014–2021 FIGURE 9 BUILDING & CONSTRUCTION SEGMENT ACCOUNTS FOR THE LARGEST SHARE, 2015

FIGURE 10 ASIA-PACIFIC TO DOMINATE STRUCTURAL ADHESIVES MARKET, 2016–2021

FIGURE 11 MARKET IN DEVELOPING COUNTRIES TO WITNESS RAPID GROWTH

FIGURE 12 INDIA TO REGISTER HIGHEST CAGR IN APAC REGION

FIGURE 13 ASIA-PACIFIC EXPECTED TO WITNESS RAPID GROWTH

FIGURE 14 STRUCTURAL ADHESIVES MARKET, BY REGION

FIGURE 15 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES FOR STRUCTURAL ADHESIVES MARKET

FIGURE 16 EMERGING ECONOMIES: INVESTMENT IN INFRASTRUCTURE DEVELOPMENT, 2008–2017

FIGURE 17 VALUE CHAIN ANALYSIS

FIGURE 18 VALUE CHAIN ANALYSIS: COST POINTS IN DIFFERENT STEPS

FIGURE 19 PORTER'S FIVE FORCES ANALYSIS

FIGURE 20 EPOXY SEGMENT DOMINATES STRUCTURAL ADHESIVES MARKET, 2016–2021

FIGURE 21 WIND ENERGY SEGMENT TO REGISTER HIGHEST GROWTH RATE IN STRUCTURAL ADHESIVES MARKET

FIGURE 22 BUILDING & CONSTRUCTION SEGMENT TO CONTRIBUTE FOR THE MAXIMUM SHARE DURING 2016-2021

FIGURE 23 REGIONAL SNAPSHOT (2015) INDIA AND CHINA ARE EMERGING AS NEW HOTSPOTS



FIGURE 24 ASIA-PACIFIC—ATTRACTIVE DESTINATION FOR ALL STRUCTURAL ADHESIVES APPLICATION

FIGURE 25 FUTURE GROWTH OF STRUCTURAL ADHESIVES IS PROJECTED IN ASIA-PACIFIC

FIGURE 26 ASIA-PACIFIC MARKET SNAPSHOT—RISING POPULATION AND INCREASE IN PURCHASING PARITY INCREASE DEMAND

FIGURE 27 NORTH AMERICA MARKET SNAPSHOT—AUTOMOTIVE AND

AEROSPACE APPLICATIONS TO TRIGGER THE DEMAND TILL 2021

FIGURE 28 COMPANIES ADOPTED NEW PRODUCT LAUNCH AS THE KEY

**GROWTH STRATEGY BETWEEN 2011 AND 2016** 

FIGURE 29 BATTLE FOR MARKET SHARE DEVELOPMENT: NEW PRODUCT

LAUNCH WAS THE KEY STRATEGY

FIGURE 30 HENKEL AG: COMPANY SNAPSHOT

FIGURE 31 HENKEL AG: SWOT ANALYSIS

FIGURE 32 ASHLAND: COMPANY SNAPSHOT

FIGURE 33 ASHLAND.: SWOT ANALYSIS

FIGURE 34 SIKA AG: COMPANY SNAPSHOT

FIGURE 35 SIKA AG: SWOT ANALYSIS

FIGURE 36 ARKEMA: COMPANY SNAPSHOT

FIGURE 37 ARKEMA: SWOT ANALYSIS

FIGURE 38 3M: COMPANY SNAPSHOT

FIGURE 39 3M: SWOT ANALYSIS

FIGURE 40 DOW CHEMICAL COMPANY: COMPANY SNAPSHOT

FIGURE 41 DOW CHEMICAL COMPANY: SWOT ANALYSIS

FIGURE 42 ILLINOIS TOOL WORKS: COMPANY SNAPSHOT

FIGURE 43 SCOTT BADER: COMPANY SNAPSHOT



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