

Growth Opportunities in the Vinyl Ester Resin Market

https://marketpublishers.com/r/GDF418CF689EN.html

Date: September 2017

Pages: 154

Price: US\$ 4,850.00 (Single User License)

ID: GDF418CF689EN

Abstracts

The future of the vinyl ester resin market looks attractive with opportunities in the pipe and tank, construction, transportation, and paint and coatings industries. The global vinyl ester resin market is expected to reach an estimated \$951 million by 2022 and is forecast to grow at a CAGR of 3.9% from 2017 to 2022. The major growth drivers for this market are increasing demand for corrosion resistance materials, growing infrastructural investments, and rehabilitation of old infrastructural projects.

Emerging trends, which have a direct impact on the dynamics of the vinyl ester resin industry, include the development of styrene-free vinyl ester resin and emergence of biobased vinyl ester resin.

A total of 91 figures / charts and 82 tables are provided in this 154-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of this vinyl ester resin market report, download the report brochure.

The study includes the vinyl ester resin market size and forecast for the global vinyl ester resin market through 2022 by chemistry, end use industry, and region as follows:

Vinyl Ester Resin Market by Chemistry [Volume (M lbs) and \$M Shipment Analysis for 2011 - 2022]:

Bisphenol-A vinyl ester resin

Novolac vinyl ester resin

Brominated vinyl ester resin



Other chemistry

Vinyl Ester Resin Market by End Use Industry [Volume (M lbs) and \$M Shipment Analysis for 2011 - 2022]:





China	
India	
Japan	
Rest of the World	
Brazil	

Vinyl ester resin companies profiled in this market include Polynt, Ashland Inc, Aliancys, AOC, and Swancor are among the major suppliers of the global vinyl ester resin market.

Lucintel forecasts that bisphenol-A vinyl ester resin is expected to remain the largest segment due to its good mechanical properties and chemical resistance properties at a relatively lower cost. Novolac vinyl ester resin is expected to witness the highest growth in the forecast period due to its growing use in applications which require excellent resistance to oxidizing acids, better heat resistance, and superior solvent resistance.

Within the vinyl ester resin market, fiber reinforced plastic (FRP) is expected to remain the largest end use industry. It is also expected to witness the highest growth during the forecast period, supported by the increasing demand for lightweight and corrosion resistance pipe and tank products in new as well as old infrastructural rehabilitation projects. Within the FRP, pipe and tank industry is expected to remain largest market for vinyl ester resin, while transportation is expected to witness highest growth in the forecast period.

Asia Pacific is expected to remain the largest market by value and volume and is also expected to witness the highest growth over the forecast period because of increasing demand for corrosion resistance pipe and tanks and growing investment in the building and construction and well as industrial sector.

Some of the features of 'Growth Opportunities in the Vinyl Ester Resin Market 2017-2022: Trends, Forecast, and Opportunity Analysis' include:

Market size estimates: Composites in the global vinyl ester resin market size estimation in terms of value (\$M) and volume (M Lbs.) shipment.



Trend and forecast analysis: Market trend (2011-2016) and forecast (2017-2022) by segments and region.

Segmentation analysis: Global vinyl ester resin market size by various applications such as chemical type and end use industry in terms of value and volume shipment.

Regional analysis: Composites in the global vinyl ester resin market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth opportunities: Analysis on growth opportunities in different applications and regions of vinyl ester resin in the global vinyl ester resin market.

Strategic analysis: This includes M&A, new product development, and competitive landscape of vinyl ester resin in the global vinyl ester resin market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following 11 key questions:

- Q.1 What are some of the most promising potential, high-growth opportunities for the global vinyl ester resin market by chemistry (bisphenol-A vinyl ester, novolac vinyl ester, brominated vinyl ester, and other chemistry), end use industry (FRP, paint and coatings and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?
- Q.2 Which segments will grow at a faster pace and why?
- Q.3 Which regions will grow at a faster pace and why?
- Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the vinyl ester resin market?
- Q.5 What are the business risks and threats to the vinyl ester resin market?
- Q.6 What are emerging trends in this vinyl ester resin market and the reasons



behind them?

- Q.7 What are some changing demands of customers in the vinyl ester resin market?
- Q.8 What are the new developments in the vinyl ester resin market? Which companies are leading these developments?
- Q.9 Who are the major players in this vinyl ester resin market? What strategic initiatives are being implemented by key players for business growth?
- Q.10 What are some of the competitive products and processes in this vinyl ester resin area and how big of a threat do they pose for loss of market share via material or product substitution?
- Q.11 What M & A activities by the major vinyl ester resin suppliers have taken place in the last 5 years in this vinyl ester resin market?



Contents

1. EXECUTIVE SUMMARY

2. MARKET BACKGROUND AND CLASSIFICATIONS

- 2.1: Introduction, Background, and Classifications
- 2.2: Supply Chain
- 2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2011 TO 2022

- 3.1: Macroeconomic Trends and Forecast
- 3.2: Global Vinyl Ester Resin Market Trends and Forecast
- 3.3: Global Vinyl Ester Resin Market by Chemistry
 - 3.3.1: Bisphenol-A Vinyl Ester Resin
 - 3.3.2: Novolac Vinyl Ester Resin
 - 3.3.3: Brominated Vinyl Ester Resin
 - 3.3.4: Other Chemistry
- 3.4: Global Vinyl Ester Resin Market by End Use Industry
 - 3.4.1: Fiber Reinforced Plastics (FRP)
 - 3.4.1.1: Pipe and Tank
 - 3.4.1.2: Construction
 - 3.4.1.3: Transportation
 - 3.4.1.4: Other Fiber Reinforced Plastic (FRP)
 - 3.4.2: Paint and Coatings
 - 3.4.3: Other Industry

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

- 4.1: Global Vinyl Ester Resin Market by Region
- 4.2: North American Vinyl Ester Resin Market
 - 4.2.1: Market by End Use Industry: FRP, Paint and Coatings, and Others
 - 4.2.2: United States Vinyl Ester Resin Market
 - 4.2.3: Canadian Vinyl Ester Resin Market
- 4.3: European Vinyl Ester Resin Market
 - 4.3.1: Market by End Use Industry: FRP, Paint and Coatings, and Others
 - 4.3.2: German Vinyl Ester Resin Market
 - 4.3.3: United Kingdom Vinyl Ester Resin Market



- 4.3.4: French Vinyl Ester Resin Market
- 4.4: APAC Vinyl Ester Resin Market
- 4.4.1: Market by End Use Industry: FRP, Paint and Coatings, and Others
- 4.4.2: Chinese Vinyl Ester Resin Market
- 4.4.3: Indian Vinyl Ester Resin Market
- 4.4.4: Japanese Vinyl Ester Resin Market
- 4.5: ROW Vinyl Ester Resin Market
 - 4.5.1: Market by End Use Industry: FRP, Paint and Coatings, and Others
- 4.5.2: Brazilian Vinyl Ester Resin Market

5. COMPETITOR ANALYSIS

- 5.1: Product Portfolio Analysis
- 5.2: Market Share Analysis
- 5.3: Operational Integration
- 5.4: Geographical Reach
- 5.5: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

- 6.1: Growth Opportunity Analysis
 - 6.1.1: Growth Opportunities for the Global Vinyl Ester Resin Market by Chemistry
- 6.1.2: Growth Opportunities for the Global Vinyl Ester Resin Market by End Use Industry
- 6.1.3: Growth Opportunities for the Global Vinyl Ester Resin Market by Region
- 6.2: Emerging Trends in the Global Vinyl Ester Resin Market
- 6.3: Strategic Analysis
 - 6.3.1: New Product Development
 - 6.3.2: Capacity Expansion of the Global Vinyl Ester Resin Market
 - 6.3.3: Mergers, Acquisitions and Joint Ventures in the Global Vinyl Ester Resin Market
 - 6.3.4: Certification

7. COMPANY PROFILES OF LEADING PLAYERS

- 7.1: Polynt Group
- 7.2: Ashland Inc
- 7.3: Aliancys A.G.
- 7.4: AOC Resins
- 7.5: Swancor Ind. Co Ltd



7.6: Showa Denko K.K.

7.7: Sino Polymer Co. Ltd.

7.8: Scott Bader Co. Ltd

7.9: Allnex



List Of Figures

LIST OF FIGURES

CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

- Figure 2.1: Classification of the Vinyl Ester Resin Market by Chemistry and End Use Industry
- Figure 2.2: Supply Chain of the Global Vinyl Ester Resin Market
- Figure 2.3: Major Drivers and Challenges for the Global Vinyl Ester Resin Market

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2011 TO 2022

- Figure 3.1: Trends of the Global GDP Growth Rate
- Figure 3.2: Trends of the Regional GDP Growth Rate
- Figure 3.3: Trends of the New Housing Starts in the United States from 2011 to 2016
- Figure 3.4: Trends of the Global Automotive Production Growth Rate from 2011 to 2016
- Figure 3.5: Forecast for the Global GDP Growth Rate
- Figure 3.6: Forecast for the Regional GDP Growth Rate
- Figure 3.7: Forecast for the New Housing Starts in the United States from 2017 to 2022
- Figure 3.8: Forecast for the Global Automotive Production Growth Rate from 2017 to 2022
- Figure 3.9: Trends and forecast for the Global Vinyl Ester Resin Market (2011-2022)
- Figure 3.10: Trends of the Global Vinyl Ester Resin Market (\$M) by Chemistry (2011-2016)
- Figure 3.11: Forecast for the Global Vinyl Ester Resin Market (\$M) by Chemistry (2017-2022)
- Figure 3.12: Trends of the Global Vinyl Ester Resin Market (M lbs) by Chemistry (2011-2016)
- Figure 3.13: Forecast for the Global Vinyl Ester Resin Market (M lbs) by Chemistry (2017-2022)
- Figure 3.14: Trends and Forecast for the Global Bisphenol-A Vinyl Ester Resin Market (2011-2022)
- Figure 3.15: Trends and Forecast for the Global Novolac Vinyl Ester Resin Market (2011-2022)
- Figure 3.16: Trends and Forecast for the Global Brominated Vinyl Ester Resin Market (2011-2022)
- Figure 3.17: Trends and Forecast for the Global Vinyl Ester Resin Market in the Other Chemistry (2011-2022)



- Figure 3.18: Trends of the Global Vinyl Ester Resin Market (\$M) by End Use Industry (2011 -2016)
- Figure 3.19: Forecast for the Global Vinyl Ester Resin Market (\$M) by End Use Industry (2017-2022)
- Figure 3.20: Trends of the Global Vinyl Ester Resin Market (M lbs) by End Use Industry (2011 -2016)
- Figure 3.21: Forecast for the Global Vinyl Ester Resin Market (M lbs) by End Use Industry (2017-2022)
- Figure 3.22: Trends of the Vinyl Ester Resin Market (\$M) in the Global Fiber Reinforced Plastics (FRP) by Region (2011-2016)
- Figure 3.23: Forecast for the Vinyl Ester Resin Market (\$M) in the Global Fiber Reinforced Plastics (FRP) by Region (2017 -2022)
- Figure 3.24: Trends of the Vinyl Ester Resin Market (M lbs) in the Global Fiber Reinforced Plastics (FRP) by Region (2011-2016)
- Figure 3.25: Forecast for the Vinyl Ester Resin Market (M lbs) in the Global Fiber Reinforced Plastics (FRP) by Region (2017-2022)
- Figure 3.26: Trends and Forecast for the Vinyl Ester Resin Market in the Global Pipe and Tank Industry (2011-2022)
- Figure 3.27: Trends and Forecast for Vinyl Ester Resin Market in the Global Construction Industry (2011-2022)
- Figure 3.28: Trends and Forecast for Vinyl Ester Resin Market in the Global Transportation Industry (2011-2022)
- Figure 3.29: Trends and Forecast for the Vinyl Ester Resin Market in the Other Fiber Reinforced Plastics (FRP) Industry (2011-2022)
- Figure 3.30: Trends of the Vinyl Ester Resin Market (\$M) in the Global Paint and Coatings by Region (2011-2016)
- Figure 3.31: Forecast for the Paint and Coatings in the Global Vinyl Ester Resin Market (\$M) by Region (2017-2022)
- Figure 3.32: Trends of the Vinyl Ester Resin Market (M lbs) in the Global Paint and Coatings by Region (2011-2016)
- Figure 3.33: Forecast for the Paint and Coatings in the Global Vinyl Ester Resin Market (M lbs) by Region (2017-2022)
- Figure 3.34: Trends of the Vinyl Ester Resin Market (\$M) in the Other Industry by Region (2011-2016)
- Figure 3.35: Forecast for the Vinyl Ester Resin Market (\$M) in the Other Industry by Region (2017-2022)
- Figure 3.36: Trends of the Vinyl Ester Resin Market (M lbs) in the Other Industry by Region (2011-2016)
- Figure 3.37: Forecast for the Vinyl Ester Resin Market (M lbs) in the Other Industry by



Region (2017-2022)

CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

- Figure 4.1: Trends of the Global Vinyl Ester Resin Market (\$M) by Region (2011 -2016)
- Figure 4.2: Forecast for the Global Vinyl Ester Resin Market (\$M) by Region (2017-2022)
- Figure 4.3: Trends of the Global Vinyl Ester Resin Market (M lbs) by Region (2011 -2016)
- Figure 4.4: Forecast for the Global Vinyl Ester Resin Market (M lbs) by Region (2017-2022)
- Figure 4.5: Trends and Forecast of the North American Vinyl Ester Resin Market (2011-2022)
- Figure 4.6: Trends of the North American Vinyl Ester Resin Market (\$M) by End use Industry (2011-2016)
- Figure 4.7: Forecast for the North American Vinyl Ester Resin Market (\$M) by End use Industry (2017 -2022)
- Figure 4.8: Trends of the North American Vinyl Ester Resin Market (M lbs)by Material (2011-2016)
- Figure 4.9: Forecast for the North American Vinyl Ester Resin Market (M lbs)by Material (2017-2022)
- Figure 4.10: Trends and Forecast for the United States Vinyl Ester Market (2011-2022)
- Figure 4.11: Trends and Forecast for the Canadian Vinyl Ester Resin Market (2011-2022)
- Figure 4.12: Trends and Forecast for the European Vinyl Ester Resin Market (2011-2022)
- Figure 4.13: Trends of the European Vinyl Ester Resin Market (\$M) by End use Industry (2011-2016)
- Figure 4.14: Forecast for the European Vinyl Ester Resin Market (\$M) by End use Industry (2017-2022)
- Figure 4.15: Trends of the European Vinyl Ester Resin Market (M lbs) by End use Industry (2011-2016)
- Figure 4.16: Forecast for the European Vinyl Ester Resin Market (M lbs) by End-use Industry (2017-2022)
- Figure 4.17: Trends and Forecast for the German Vinyl Ester Market (2011-2022)
- Figure 4.18: Trends and Forecast for the United Kingdom Vinyl Ester Resin Market (2011-2022)
- Figure 4.19: Trends and Forecast for the French Vinyl Ester Resin Market (2011-2022)
- Figure 4.20: Trends and Forecast for the APAC Vinyl Ester Resin Market (2011-2022)



- Figure 4.21: Trends of the APAC Vinyl Ester Resin Market (\$M) by End Use Industry (2011 -2016)
- Figure 4.22: Forecast for the APAC Vinyl Ester Resin Market (\$M) by End Use Industry (2017-2022)
- Figure 4.23: Trends of the APAC Vinyl Ester Resin Market (M lbs) by End Use Industry (2011-2016)
- Figure 4.24: Forecast for the APAC Vinyl Ester Resin Market (M lbs) by End Use Industry (2017-2022)
- Figure 4.25: Trends and Forecast for the Chinese Vinyl Ester Resin Market (2011-2022)
- Figure 4.26: Trends and Forecast for the Indian Vinyl Ester Resin Market (2011-2022)
- Figure 4.27: Trends and Forecast for the Japanese Vinyl Ester Resin Market (2011-2022)
- Figure 4.28: Trends and Forecast for the ROW Vinyl Ester Resin Market (M lbs) (2011-2022)
- Figure 4.29: Trends for the ROW Vinyl Ester Resin Market (M lbs) by End Use Industry (2017-2022)
- Figure 4.30: Forecast for the ROW Vinyl Ester Resin Market (M lbs) by End Use Industry (2017-2022)
- Figure 4.31: Trends of the ROW Vinyl Ester Resin Market (M lbs) by End Use Industry (2011-2016)
- Figure 4.32: Forecast for the ROW Vinyl Ester Resin Market (M lbs) by End Use Industry (2017-2022)
- Figure 4.33: Trends and Forecast for the Brazilian Vinyl Ester Resin Market (2011-2022)

CHAPTER 5. COMPETITOR ANALYSIS

- Figure 5.1: Market Share Analysis of the Global Vinyl Ester Resin Market in 2016
- Figure 5.2: Locations of Major Suppliers of the Global Vinyl Ester Resin Market
- Figure 5.3: Porter's Five Forces Industry Analysis for the Global Vinyl Ester Resin Market

CHAPTER 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

- Figure 6.1: Growth Opportunities for the Global Vinyl Ester Resin Market by Chemistry
- Figure 6.2: Growth Opportunities for the Global Vinyl Ester Resin Market by End Use Industry
- Figure 6.3: Growth Opportunities for the Global Vinyl Ester Resin Market by Region
- Figure 6.4: Emerging Trends in Vinyl Ester Resin Market



Figure 6.5: Strategic Initiatives by Major Competitor in the Global Vinyl Ester Resin Market

Figure 6.6: Major Capacity Expansions in the Global Vinyl Ester Resin Market

CHAPTER 7. COMPANY PROFILES OF LEADING PLAYERS

- Figure 7.1: Major Plant Locations of Polynt Group Business
- Figure 7.2: Major Plant Location of Ashland Inc Vinyl Ester Resin Business
- Figure 7.3: Major Plant Locations of Aliancys A.G Vinyl Ester Business
- Figure 7.4: Headquarter Location of AOC Resin
- Figure 7.5: Major Plant Locations of Swancor Vinyl Ester Resin Business
- Figure 7.6: Headquarter Location of Showa Denko K.K.
- Figure 7.7: Major Plant Locations of Sino Polymer Vinyl Ester Resin Business
- Figure 7.8: Major Plant Locations of Scott Bader Vinyl Ester Resin Business
- Figure 7.9: Headquarter Location of Allnex Business



List Of Tables

LIST OF TABLES

CHAPTER 1. EXECUTIVE SUMMARY

Table 1.1: Global Vinyl Ester Resin Market Parameters and Attributes

CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

Table 2.1: Properties of Epoxy, UPR and Vinyl Ester Resin

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2011 TO 2022

- Table 3.1: Market Trends of the Global Vinyl Ester Resin Market (2011-2016)
- Table 3.2: Market Forecasts of the Global Vinyl Ester Resin Market (2017-2022)
- Table 3.3: Market Size and CAGR of Various Chemistriesy in the Global Vinyl Ester Resin Market by Value (2011-2016)
- Table 3.4: Market Size and CAGR of Various Chemistriesy in the Global Vinyl Ester Resin Market by Value (2017-2022)
- Table 3.5: Market Size and CAGR of Various Chemistriesy of the Global Vinyl Ester Resin Market by Volume (2011 -2016)
- Table 3.6: Market Size and CAGR of Various Chemistriesy of the Global Vinyl Ester Resin Market by Volume (2017-2022)
- Table 3.7: Market Trends of the Global Bisphenol-A Vinyl Ester Resin Market (2011 -2016)
- Table 3.8: Market Forecast for the Global Bisphenol-A Vinyl Ester Resin Market (2017-2022)
- Table 3.9: Market Trends of the Global Novolac Vinyl Ester Resin Market (2011 -2016)
- Table 3.10: Market Forecast for Novolac Vinyl Ester Resin in the Global Vinyl Ester Resin Market (2017-2022)
- Table 3.11: Market Trends of the Global Brominated Vinyl Ester Resin Market (2011 -2016)
- Table 3.12: Market Forecast for the Global Brominated Vinyl Ester Resin Market (2017-2022)
- Table 3.13: Market Trends of the Global Vinyl Ester Resin Market in the Other Chemistry (2011 -2016)
- Table 3.14: Market Forecast for the Global Vinyl Ester Resin Market in the Other Chemistry (2017-2022)



- Table 3.15: Market Size and CAGR of Various End Use Industriesy in the Global Vinyl Ester Resin Market by Value (2011 -2016)
- Table 3.16: Market Size and CAGR of Various End Use Industriesy in the Global Vinyl Ester Resin Market by Value (2017-2022)
- Table 3.17: Market Size and CAGR of Various End Use Industriesy in the Global Vinyl Ester Resin Market by Volume (2011-2016)
- Table 3.18: Market Size and CAGR of Various End Use Industriesy of the Global Vinyl Ester Resin Market by Volume (2017-2022)
- Table 3.19: Market Size and CAGR of Various Regions of Fiber Reinforced Plastic (FRP) in the Global Vinyl Ester Resin Market by Value (2011 -2016)
- Table 3.20: Market Size and CAGR of Various Regions of Fiber Reinforced Plastic (FRP) in the Global Vinyl Ester Resin Market by Value (2017-2022)
- Table 3.21: Market Size and CAGR of Various Regions of Fiber Reinforced Plastic (FRP) in the Global Vinyl Ester Resin Market by Volume (2011 -2016)
- Table 3.22: Market Size and CAGR of Various Regions of Fiber Reinforced Plastic (FRP) in the Global Vinyl Ester Resin Market by Volume (2017-2022)
- Table 3.23: Market Trends of the Vinyl Ester Resin Market in the Global Pipe and Tank Industry (2011 -2016)
- Table 3.24: Market Forecast for the vinyl ester resin market in the global pipe and tank industry (2017-2022)
- Table 3.25: Market Trends of the Vinyl Ester Resin Market in the Global Construction Industry (2011 -2016)
- Table 3.26: Market Forecast for the Vinyl Ester Resin Market in the Global Construction Industry (2017-2022)
- Table 3.27: Market Trends of the Vinyl Ester Resin Market in the Global Transportation Industry (2011 -2016)
- Table 3.28: Market Forecast for the Transportation End Use Industry in the Global Vinyl Ester Resin Market (2017-2022)
- Table 3.29: Market Trends of the Other Fiber Reinforced Plastic (FRP) in the Global Vinyl Ester Resin Market (2011 -2016)
- Table 3.30: Market Forecast for the Other Fiber Reinforced Plastic (FRP) in the Global Vinyl Ester Resin Market (2017-2022)
- Table 3.31: Market Size and CAGR of Various Regions of Paint and Coatings in the Global Vinyl Ester Resin Market by Value (2011 -2016)
- Table 3.32: Market Size and CAGR of Various Regions of Paint and Coatings in the Global Vinyl Ester Resin Market by Value (2017-2022)
- Table 3.33: Market Size and CAGR of Various Regions of Paint and Coatings in the Global Vinyl Ester Resin Market by Volume (2011 -2016)
- Table 3.34: Market Size and CAGR of Various Regions of Paint and Coatings in the



Global Vinyl Ester Resin Market by Volume (2017-2022)

Table 3.35: Market Size and CAGR of Other End Use Industry in the Global Vinyl Ester Resin Market by Value (2011 -2016)

Table 3.36: Market Size and CAGR of Other End Use Industry of the Global Vinyl Ester Resin Market by Value (2017-2022)

Table 3.37: Market Size and CAGR of Various Regions of Other End Use Industry in the Global Vinyl Ester Resin Market by Volume (2011 -2016)

Table 3.38: Market Size and CAGR of Various Regions of Other End Use Industry in the Global Vinyl Ester Resin Market by Volume (2017-2022)

CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

Table 4.1: Market Size and CAGR of Various Regions of the Global Vinyl Ester Resin Market by Value (2011 -2016)

Table 4.2: Market Size and CAGR of Various Regions of the Global Vinyl Ester Resin Market by Value (2017-2022)

Table 4.3: Market Size and CAGR of Various Regions of the Global Vinyl Ester Resin Market by Volume (2011 -2016)

Table 4.4: Market Size and CAGR of Various Regions of the Global Vinyl Ester Resin Market by Volume (2017-2022)

Table 4.5: Market Trends of the North American Vinyl Ester Resin Market (2011-2022)

Table 4.6: Market Forecast for the North American Vinyl Ester Resin Market (2017-2022)

Table 4.7: Market Size and CAGR of Various End use Industriesy of the North American Vinyl Ester Resin Market by Value (2011 -2016)

Table 4.8: Market Size and CAGR of Various End use Industriesy of the North American Vinyl Ester Resin Market by Value (2017-2022)

Table 4.9: Market Size and CAGR of Various End Use Industriesy of the North American Vinyl Ester Resin Market by Volume (2011 -2016)

Table 4.10: Market Size and CAGR of Various End Use Industriesy of the North American Vinyl Ester Resin Market by Volume (2017-2022)

Table 4.11: Trends and Forecast for the United States Vinyl Ester Resin Market (2011-2022)

Table 4.12: Trends and Forecast for the Canada Vinyl Ester Resin Market (2011-2022)

Table 4.13: Market Trends of the European Vinyl Ester Resin Market (2011-2016)

Table 4.14: Market Forecast for the European Vinyl Ester Resin Market (2017-2022)

Table 4.15: Market Size and CAGR of Various End use Industriesy of the European Vinyl Ester Resin Market by Value (2011 -2016)

Table 4.16: Market Size and CAGR of Various End use Industriesy of the European



Vinyl Ester Resin Market by Value (2017-2022)

Table 4.17: Market Size and CAGR of Various End use Industriesy of the European Vinyl Ester Resin Market by Volume (2011 -2016)

Table 4.18: Market Size of Various End use Industriesy of the European Vinyl Ester Resin Market by Volume (2017-2022)

Table 4.19: Trends and Forecast for the Germany Vinyl Ester Market (2011-2022)

Table 4.20: Trends and Forecast for the United Kingdom Vinyl Ester Market (2011-2022)

Table 4.21: Trends and Forecast for the France Vinyl Ester Resin Market (2011-2022)

Table 4.22: Market Trends of the APAC Vinyl Ester Resin Market (2011-2022)

Table 4.23: Market Forecast for the APAC Vinyl Ester Resin Market (2017-2022)

Table 4.24: Market Size and CAGR of Various End Use Industriesy of the APAC Vinyl Ester Resin Market by Value (2011 -2016)

Table 4.25: Market Size and CAGR of Various End Use Industriesy of the APAC Vinyl Ester Resin Market by Value (2017-2022)

Table 4.26: Market Size and CAGR of Various End Use Industriesy of the APAC Vinyl Ester Resin Market by Volume (2011 -2016)

Table 4.27: Market Size and CAGR of Various End Use Industriesy of the APAC Vinyl Ester Resin Market by Volume (2017-2022)

Table 4.28: Trends and Forecast for the Chinese Vinyl Ester Resin Market (2011-2022)

Table 4.29: Trends and Forecast for the Indian Vinyl Ester Resin Market (2011-2022)

Table 4.30: Trends and Forecast for the Japanese Vinyl Ester Resin market (2011-2022)

Table 4.31: Market Trends of the ROW Vinyl Ester Resin Market (2011-2016)

Table 4.32: Market Forecast for the ROW Vinyl Ester Resin Market (2017-2022)

Table 4.33: Market Size and CAGR of Various End Use Industriesy in the ROW Vinyl Ester Resin Market by Value (2011 -2016)

Table 4.34: Market Size and CAGR of Various Materials of the ROW Vinyl Ester Resin Market by Value (2017-2022)

Table 4.35: Market Size and CAGR of Various End Use Industriesy of the ROW Vinyl Ester Resin Market by Volume (2011 -2016)

Table 4.36: Market Size and CAGR of Various End Use Industriesy of the ROW Vinyl Ester Resin Market by Volume (2017-2022)

Table 4.37: Trends and Forecast for the Brazilian Vinyl Ester Resin Mmarket (2011-2022)

CHAPTER 5. COMPETITOR ANALYSIS

Table 5.1: Product Mapping of Vinyl Ester Resin Suppliers Based on Market Served



Table 5.2: Rankings of Suppliers Based on the Vinyl Ester Resin Revenue

Table 5.3: Operational Integration of the Global Vinyl Ester Resin Suppliers

CHAPTER 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

Table 6.1: New Product Launches by Major Vinyl Ester Resin Producers (2011-2016)

(Source: Lucintel)

Table 6.2: Certifications Acquired by Major Competitors in the Global Vinyl Ester Resin

Market



I would like to order

Product name: Growth Opportunities in the Vinyl Ester Resin Market Product link: https://marketpublishers.com/r/GDF418CF689EN.html

Price: US\$ 4,850.00 (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/GDF418CF689EN.html