

Vinyl Ester Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global vinyl ester market reached a value of US\$ 1.01 Billion in 2021. Looking forward, IMARC Group expects the market to reach a value of US\$ 1.3 Billion by 2027, exhibiting a CAGR of 4.10% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Vinyl ester refers to a heat-resistant, thermostat matrix resin that is synthesized through the esterification of unsaturated monocarboxylic acids with epoxy resin. It is a molecular chain, which includes a few ester groups double-bonded to vinyl groups. Vinyl ester offers strength, low shrinkage, exceptional adhesion, durability, and long-term performance. They also exhibit a great degree of resistance to heat, toxic agents, and structural deformation corrosion, due to which, they are widely employed for formulating pipes, tanks, flue gas desulfurization (FGS), paints and coatings. At present, it is available in varying types, such as bisphenol, diglycidyl ether of bisphenol A (DGEBA) and epoxy phenol novolac (EPN).

Vinyl Ester Market Trends:

The increasing demand for corrosion resistant materials across several industry verticals, especially in wastewater treatment plants for ensuring longevity, higher ductility, and improving bending capacity of sewage drains is majorly driving the vinyl ester market growth. In line with this, the numerous favorable initiatives undertaken by the government of various nations for installing flue gas desulfurization (FGD) to eliminate the release of sulfur dioxide (SO₂) in the atmosphere released from the exhaust flue gases of fossil-fuel power plants is acting as another growth-inducing factor. This is further supported by the rising environmental consciousness amongst consumers and the escalating corporate social responsibility (CSR) programs to

promote sustainability, which, in turn, has led to the emergence of bio-based vinyl ester resin. Moreover, the extensive product utilization in the fabrication of fiber-reinforced plastic (FRP) storage tanks, pipelines and duct systems across the chemical, mining, and power generation industries due to its superior solvent resistance and low permeability property is contributing to the market growth. Besides this, manufacturers are adopting advanced technologies to introduce environmentally friendly, non-styrene, and lightweight product variants to expand their application to marine and wind energy sectors, which is further creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global vinyl ester market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on type, distribution channel and application.

Breakup by Type:

- Bisphenol A Diglycidyl Ether (DGEBA)
- Epoxy Phenol Novolac (EPN)
- Brominated Fire Retardant
- Others

Breakup by Distribution Channel:

- Offline
- Online

Breakup by Application:

- Pipes and Tanks
- Paints and Coatings
- Transportation
- Pulp and Paper
- Others

Breakup by Region:

- North America
- United States
- Canada
- Asia-Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Akzo Nobel N.V., Ashland Global Holdings Inc., INEOS Limited, Interplastic Corporation, Nivitex Fibreglass and Resins, Poliya Composite Resins and Polymers Inc., Polynt spa, Scott Bader Company Ltd., Showa Denko K. K., Sino Polymer Co. Ltd. and Swancor Holding Co Ltd.

Key Questions Answered in This Report:

How has the global vinyl ester market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global vinyl ester market?

What are the key regional markets?

What is the breakup of the market based on the type?

What is the breakup of the market based on the distribution channel?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global vinyl ester market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL VINYL ESTER MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Bisphenol A Diglycidyl Ether (DGEBA)
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Epoxy Phenol Novolac (EPN)
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Brominated Fire Retardant

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY DISTRIBUTION CHANNEL

- 7.1 Offline
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Online
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Pipes and Tanks
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Paints and Coatings
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Transportation
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Pulp and Paper
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Others
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast

- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain

- 9.3.5.1 Market Trends
- 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Akzo Nobel N.V.

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.2 Ashland Global Holdings Inc.

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.2.3 Financials

14.3.2.4 SWOT Analysis

14.3.3 INEOS Limited

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Interplastic Corporation

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.5 Nivitex Fibreglass and Resins

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.6 Poliya Composite Resins and Polymers Inc.

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.7 Polynt spa

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 Financials

14.3.7.4 SWOT Analysis

14.3.8 Scott Bader Company Ltd.

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.9 Showa Denko K. K.

- 14.3.9.1 Company Overview
- 14.3.9.2 Product Portfolio
- 14.3.10 Sino Polymer Co. Ltd.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 Swancor Holding Co Ltd.
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials

List Of Tables

LIST OF TABLES

Table 1: Global: Vinyl Ester Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Vinyl Ester Market Forecast: Breakup by Type (in Million US\$), 2022-2027

Table 3: Global: Vinyl Ester Market Forecast: Breakup by Distribution Channel (in Million US\$), 2022-2027

Table 4: Global: Vinyl Ester Market Forecast: Breakup by Application (in Million US\$), 2022-2027

Table 5: Global: Vinyl Ester Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Vinyl Ester Market: Competitive Structure

Table 7: Global: Vinyl Ester Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Vinyl Ester Market: Major Drivers and Challenges
- Figure 2: Global: Vinyl Ester Market: Sales Value (in Billion US\$), 2016-2021
- Figure 3: Global: Vinyl Ester Market Forecast: Sales Value (in Billion US\$), 2022-2027
- Figure 4: Global: Vinyl Ester Market: Breakup by Type (in %), 2021
- Figure 5: Global: Vinyl Ester Market: Breakup by Distribution Channel (in %), 2021
- Figure 6: Global: Vinyl Ester Market: Breakup by Application (in %), 2021
- Figure 7: Global: Vinyl Ester Market: Breakup by Region (in %), 2021
- Figure 8: Global: Vinyl Ester (Bisphenol A Diglycidyl Ether (DGEBA)) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 9: Global: Vinyl Ester (Bisphenol A Diglycidyl Ether (DGEBA)) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 10: Global: Vinyl Ester (Epoxy Phenol Novolac (EPN)) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 11: Global: Vinyl Ester (Epoxy Phenol Novolac (EPN)) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 12: Global: Vinyl Ester (Brominated Fire Retardant) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 13: Global: Vinyl Ester (Brominated Fire Retardant) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 14: Global: Vinyl Ester (Other Types) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 15: Global: Vinyl Ester (Other Types) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 16: Global: Vinyl Ester (Offline) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 17: Global: Vinyl Ester (Offline) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 18: Global: Vinyl Ester (Online) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 19: Global: Vinyl Ester (Online) Market Forecast: Sales Value (in Million US\$), 2022-2027
- Figure 20: Global: Vinyl Ester (Pipes and Tanks) Market: Sales Value (in Million US\$), 2016 & 2021
- Figure 21: Global: Vinyl Ester (Pipes and Tanks) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 22: Global: Vinyl Ester (Paints and Coatings) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Vinyl Ester (Paints and Coatings) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Vinyl Ester (Transportation) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Vinyl Ester (Transportation) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Vinyl Ester (Pulp and Paper) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Vinyl Ester (Pulp and Paper) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: Global: Vinyl Ester (Other Applications) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: Global: Vinyl Ester (Other Applications) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: North America: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: North America: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: United States: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: United States: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: Canada: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: Canada: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: Asia-Pacific: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: Asia-Pacific: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: China: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 39: China: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: Japan: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: Japan: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: India: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: India: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 44: South Korea: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: South Korea: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: Australia: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: Australia: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Indonesia: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Indonesia: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: Others: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Others: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: Europe: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Europe: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: Germany: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: Germany: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: France: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: France: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 58: United Kingdom: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: United Kingdom: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: Italy: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: Italy: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Spain: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Spain: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Russia: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Russia: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Others: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Others: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Latin America: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Latin America: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Brazil: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Brazil: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Mexico: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Mexico: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Others: Vinyl Ester Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Others: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 76: Middle East and Africa: Vinyl Ester Market: Sales Value (in Million US\$),

2016 & 2021

Figure 77: Middle East and Africa: Vinyl Ester Market: Breakup by Country (in %), 2021

Figure 78: Middle East and Africa: Vinyl Ester Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 79: Global: Vinyl Ester Industry: SWOT Analysis

Figure 80: Global: Vinyl Ester Industry: Value Chain Analysis

Figure 81: Global: Vinyl Ester Industry: Porter's Five Forces Analysis

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