

UV Curable Resins Market Report by Resin Type (Acrylated Epoxies, Acrylated Polyesters, Acrylated Urethanes, Acrylated Silicones, and Others), Composition (Monomers, Oligomers, Photoinitiators, and Others), Application (Coating, Packaging, Printing, Adhesives and Sealants, and Others), and Region 2024-2032

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Abstracts

The global UV curable resins market size reached US\$ 6.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 13.4 Billion by 2032, exhibiting a growth rate (CAGR) of 8.6% during 2024-2032.

Ultraviolet (UV) curable resins are non-solvent materials polymerized by the energy radiated from UV irradiation devices. They mainly comprise oligomers, co-initiators, photopolymerization initiators, monomers, and additives like stabilizers, antioxidants, plasticizers, and pigments. They have many advantages over conventional cures, such as reduced waste, less energy consumption and equipment space, low emission, high productivity, and minimal temperature treatment. In addition, as they do not contain organic solvents that have an adverse effect on the environment, UV curable resins are widely utilized as industrial materials in the pharmaceutical and food and beverage (F&B) industries for sealing, bonding, and coating items.

UV Curable Resins Market Trends:

Due to growing concerns of the coronavirus disease (COVID-19) transmission through packaging surfaces, UV cured resins are finding extensive application in various industry verticals as packaging coatings. UV cured resins increase production, reduce

costs, and ensure high product quality for manufacturing a wide variety of medical products, such as filters, syringes, catheters, hearing aids, dialysis machines, medication patches, hydrogels, and test strips. In addition, the escalating demand for medical devices on account of the rising prevalence of chronic and lifestyle diseases is contributing to the market growth. Apart from this, the growing adoption of three-dimensional (3D) printing in the aerospace and automobile industries is driving the demand for UV cured resin-based 3D printing technologies. Moreover, UV curable resins derived from renewable raw materials with light-emitting diode (LED) technology are gaining traction to reduce air pollution and energy consumption and meet stringent regulations. Furthermore, the leading players are developing new and improved UV curable resins with expanded photosensitive wavelength bands and better photo-initiator solubility, which is anticipated to impel the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global UV curable resins market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on resin type, composition and application.

Breakup by Resin Type:

Acrylated Epoxies

Acrylated Polyesters

Acrylated Urethanes

Acrylated Silicones

Others

Breakup by Composition:

Monomers

Oligomers

Photoinitiators

Others

Breakup by Application:

Coating

Packaging

Printing

Adhesives and Sealants

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 Allnex GmbH, Arkema S.A., BASF SE, Covestro AG, Dymax Corporation, Eternal Materials Co. Ltd., IGM Resins B.V., Jiangsu Litian Technology Co. Ltd., Jiangsu Sanmu Group Co. Ltd., Koninklijke DSM N.V., Showa Denko K. K. and Toagosei Co. Ltd.

Key Questions Answered in This Report:

UV Curable Resins Market Report by Resin Type (Acrylated Epoxies, Acrylated Polyesters, Acrylated Urethanes, A...

How has the global UV curable resins market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global UV curable resins market?

What are the key regional markets?

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

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

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 UV curable resins 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 UV CURABLE RESINS MARKET

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

6 MARKET BREAKUP BY RESIN TYPE

- 6.1 Acrylated Epoxies
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Acrylated Polyesters
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Acrylated Urethanes

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Acrylated Silicones
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Others
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast

7 MARKET BREAKUP BY COMPOSITION

- 7.1 Monomers
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Oligomers
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Photoinitiators
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Others
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Coating
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Packaging
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Printing
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Adhesives and Sealants
 - 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 Allnex GmbH
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 Arkema S.A.
 - 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 BASF SE
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 Covestro AG
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
 - 14.3.5 Dymax Corporation
 - 14.3.5.1 Company Overview

- 14.3.5.2 Product Portfolio
- 14.3.6 Eternal Materials Co. Ltd.
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
- 14.3.7 IGM Resins B.V.
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 Jiangsu Litian Technology Co. Ltd.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Jiangsu Sanmu Group Co. Ltd.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Koninklijke DSM N.V.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 Showa Denko K. K.
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials
 - 14.3.11.4 SWOT Analysis
- 14.3.12 Toagosei Co. Ltd.
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
 - 14.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: UV Curable Resins Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: UV Curable Resins Market Forecast: Breakup by Resin Type (in Million US\$), 2024-2032

Table 3: Global: UV Curable Resins Market Forecast: Breakup by Composition (in Million US\$), 2024-2032

Table 4: Global: UV Curable Resins Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 5: Global: UV Curable Resins Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: UV Curable Resins Market: Competitive Structure

Table 7: Global: UV Curable Resins Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: UV Curable Resins Market: Major Drivers and Challenges
- Figure 2: Global: UV Curable Resins Market: Sales Value (in Billion US\$), 2018-2023
- Figure 3: Global: UV Curable Resins Market Forecast: Sales Value (in Billion US\$), 2024-2032
- Figure 4: Global: UV Curable Resins Market: Breakup by Resin Type (in %), 2023
- Figure 5: Global: UV Curable Resins Market: Breakup by Composition (in %), 2023
- Figure 6: Global: UV Curable Resins Market: Breakup by Application (in %), 2023
- Figure 7: Global: UV Curable Resins Market: Breakup by Region (in %), 2023
- Figure 8: Global: UV Curable Resins (Acrylated Epoxies) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 9: Global: UV Curable Resins (Acrylated Epoxies) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 10: Global: UV Curable Resins (Acrylated Polyesters) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 11: Global: UV Curable Resins (Acrylated Polyesters) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 12: Global: UV Curable Resins (Acrylated Urethanes) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 13: Global: UV Curable Resins (Acrylated Urethanes) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 14: Global: UV Curable Resins (Acrylated Silicones) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 15: Global: UV Curable Resins (Acrylated Silicones) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 16: Global: UV Curable Resins (Other Resin Types) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 17: Global: UV Curable Resins (Other Resin Types) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 18: Global: UV Curable Resins (Monomers) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 19: Global: UV Curable Resins (Monomers) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 20: Global: UV Curable Resins (Oligomers) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 21: Global: UV Curable Resins (Oligomers) Market Forecast: Sales Value (in

Million US\$), 2024-2032

Figure 22: Global: UV Curable Resins (Photoinitiators) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: UV Curable Resins (Photoinitiators) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: UV Curable Resins (Other Compositions) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: UV Curable Resins (Other Compositions) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: UV Curable Resins (Coating) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: UV Curable Resins (Coating) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: UV Curable Resins (Packaging) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: UV Curable Resins (Packaging) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Global: UV Curable Resins (Printing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Global: UV Curable Resins (Printing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: Global: UV Curable Resins (Adhesives and Sealants) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: Global: UV Curable Resins (Adhesives and Sealants) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Global: UV Curable Resins (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Global: UV Curable Resins (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: North America: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: North America: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: United States: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: United States: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Canada: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Canada: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Asia-Pacific: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Asia-Pacific: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: China: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: China: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: Japan: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: Japan: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: India: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: India: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: South Korea: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: South Korea: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: Australia: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Australia: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Indonesia: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Indonesia: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: Others: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Others: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: Europe: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: Europe: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Germany: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Germany: UV Curable Resins Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 62: France: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: France: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: United Kingdom: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: United Kingdom: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Italy: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Italy: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Spain: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Spain: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Russia: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Russia: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Others: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Others: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Latin America: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Latin America: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Brazil: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Brazil: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 78: Mexico: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 79: Mexico: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 80: Others: UV Curable Resins Market: Sales Value (in Million US\$), 2018 & 2023

Figure 81: Others: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 82: Middle East and Africa: UV Curable Resins Market: Sales Value (in Million

US\$), 2018 & 2023

Figure 83: Middle East and Africa: UV Curable Resins Market: Breakup by Country (in %), 2023

Figure 84: Middle East and Africa: UV Curable Resins Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 85: Global: UV Curable Resins Industry: SWOT Analysis

Figure 86: Global: UV Curable Resins Industry: Value Chain Analysis

Figure 87: Global: UV Curable Resins Industry: Porter's Five Forces Analysis

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