

Potting Compound Market Report by Resin Type (Epoxy, Polyurethane, Silicone, Polyester, Polyamide, Polyolefin, Acrylics), Curing Technology (UV Curing, Thermal Curing, Room Temperature Curing), End User (Electronics, Aerospace, Automotive, Industrial, and Others), and Region 2024-2032

<https://marketpublishers.com/r/P9131F9D417AEN.html>

Date: March 2024

Pages: 143

Price: US\$ 3,899.00 (Single User License)

ID: P9131F9D417AEN

Abstracts

The global potting compound market size reached US\$ 3.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 4.7 Billion by 2032, exhibiting a growth rate (CAGR) of 3.8% during 2024-2032.

Potting compounds are liquid resins that flow over a circuit board to protect the electronic components against moisture, heat, vibration, impact, and environmental factors. They comprise epoxy, polyurethane, and silicone to provide high adhesion to electronic products. They help prevent short circuits, offer increased chemical protection in complex assemblies, and provide mechanical shock and vibration resistance in harsh environmental conditions. In addition, they offer high-temperature resistance while preventing the cracking or yellowing of electronic devices due to ultraviolet (UV) radiation. As a result, potting compounds are widely used in automotive, electronics, aerospace, and power industries across the globe.

Potting Compound Market Trends:

At present, there is a rise in the demand for potting compounds in the electrical and electronics industry to protect products from moisture and shock. This, along with the growing miniaturization of electronic components to develop small portable and handheld computer devices, represents one of the key factors driving the market. Besides this, the rising trend of vehicle electrification in the transportation sector to

reduce greenhouse gas emissions is contributing to the growth of the market. Additionally, the increasing integration of electronic systems in vehicles, such as navigation, infotainment, and advanced driver-assistance systems (ADAS), is offering lucrative growth opportunities to industry investors. Apart from this, the growing awareness among the masses about the benefits of using potting compounds to produce electronic devices, such as high viscosity and semi-rigid and flexible compositions, is positively influencing the market. Moreover, there is an increase in the demand for electronic devices, such as semiconductors, capacitors, transformers, and solenoids, around the world. This, coupled with the burgeoning electronic industry, is propelling the growth of the market. Furthermore, the rising demand for potting compounds in the aerospace industry is bolstering the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global potting compound 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, curing technology and end user.

Breakup by Resin Type:

- Epoxy
- Polyurethane
- Silicone
- Polyester
- Polyamide
- Polyolefin
- Acrylics

Breakup by Curing Technology:

- UV Curing
- Thermal Curing
- Room Temperature Curing

Breakup by End User:

- Electronics
- Aerospace
- Automotive

Industrial
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 3M Company, Aremco Products Inc., DuPont de Nemours Inc., Dymax Corporation, EFI Polymers, Electrolube (Element Solutions Inc), Henkel AG & Co. KGaA, Huntsman International LLC (Huntsman Corporation), LORD Corporation (Parker Hannifin Corporation), Master Bond Inc., MG Chemicals, RBC Industries Inc and WEVO-CHEMIE GmbH.

Key Questions Answered in This Report

1. What was the size of the global potting compound market in 2023?
2. What is the expected growth rate of the global potting compound market during 2024-2032?
3. What are the key factors driving the global potting compound market?
4. What has been the impact of COVID-19 on the global potting compound market?
5. What is the breakup of the global potting compound market based on the resin type?
6. What is the breakup of the global potting compound market based on the curing technology?
7. What is the breakup of the global potting compound market based on the end user?
8. What are the key regions in the global potting compound market?
9. Who are the key players/companies in the global potting compound market?

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 POTTING COMPOUND 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 Epoxy
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Polyurethane
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Silicone

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Polyester
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Polyamide
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Polyolefin
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast
- 6.7 Acrylics
 - 6.7.1 Market Trends
 - 6.7.2 Market Forecast

7 MARKET BREAKUP BY CURING TECHNOLOGY

- 7.1 UV Curing
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Thermal Curing
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Room Temperature Curing
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY END USER

- 8.1 Electronics
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Aerospace
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Automotive
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Industrial

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 3M Company

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 Aremco Products Inc.

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 DuPont de Nemours Inc.

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 Dymax Corporation

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.5 EFI Polymers

- 14.3.5.1 Company Overview
- 14.3.5.2 Product Portfolio
- 14.3.6 Electrolube (Element Solutions Inc)
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
- 14.3.7 Henkel AG & Co. KGaA
 - 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 Huntsman International LLC (Huntsman Corporation)
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 LORD Corporation (Parker Hannifin Corporation)
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Master Bond Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 MG Chemicals
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 RBC Industries Inc
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
- 14.3.13 WEVO-CHEMIE GmbH
 - 14.3.13.1 Company Overview
 - 14.3.13.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Potting Compound Market: Key Industry Highlights, 2023 and 2032

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

Table 3: Global: Potting Compound Market Forecast: Breakup by Curing Technology (in Million US\$), 2024-2032

Table 4: Global: Potting Compound Market Forecast: Breakup by End User (in Million US\$), 2024-2032

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

Table 6: Global: Potting Compound Market: Competitive Structure

Table 7: Global: Potting Compound Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Potting Compound Market: Major Drivers and Challenges

Figure 2: Global: Potting Compound Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Potting Compound Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Potting Compound Market: Breakup by Resin Type (in %), 2023

Figure 5: Global: Potting Compound Market: Breakup by Curing Technology (in %), 2023

Figure 6: Global: Potting Compound Market: Breakup by End User (in %), 2023

Figure 7: Global: Potting Compound Market: Breakup by Region (in %), 2023

Figure 8: Global: Potting Compound (Epoxy) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Potting Compound (Epoxy) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Potting Compound (Polyurethane) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Potting Compound (Polyurethane) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Potting Compound (Silicone) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Potting Compound (Silicone) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Potting Compound (Polyester) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Potting Compound (Polyester) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Potting Compound (Polyamide) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Potting Compound (Polyamide) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Potting Compound (Polyolefin) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Potting Compound (Polyolefin) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Potting Compound (Acrylics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Potting Compound (Acrylics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Potting Compound (UV Curing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Potting Compound (UV Curing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Potting Compound (Thermal Curing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Potting Compound (Thermal Curing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Potting Compound (Room Temperature Curing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Potting Compound (Room Temperature Curing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Potting Compound (Electronics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Potting Compound (Electronics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Global: Potting Compound (Aerospace) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Global: Potting Compound (Aerospace) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: Global: Potting Compound (Automotive) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: Global: Potting Compound (Automotive) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Global: Potting Compound (Industrial) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Global: Potting Compound (Industrial) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Global: Potting Compound (Other End Users) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Global: Potting Compound (Other End Users) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: North America: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: North America: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: United States: Potting Compound Market: Sales Value (in Million US\$), 2018

& 2023

Figure 41: United States: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Canada: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Canada: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Asia-Pacific: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Asia-Pacific: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: China: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: China: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Japan: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Japan: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: India: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: India: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: South Korea: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: South Korea: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Australia: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Australia: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: Indonesia: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Indonesia: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: Others: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: Others: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Europe: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Europe: Potting Compound Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 62: Germany: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Germany: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: France: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: France: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: United Kingdom: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: United Kingdom: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Italy: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Italy: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Spain: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Spain: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Russia: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Russia: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Others: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Others: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Latin America: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Latin America: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 78: Brazil: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 79: Brazil: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 80: Mexico: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 81: Mexico: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 82: Others: Potting Compound Market: Sales Value (in Million US\$), 2018 &

2023

Figure 83: Others: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 84: Middle East and Africa: Potting Compound Market: Sales Value (in Million US\$), 2018 & 2023

Figure 85: Middle East and Africa: Potting Compound Market: Breakup by Country (in %), 2023

Figure 86: Middle East and Africa: Potting Compound Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 87: Global: Potting Compound Industry: SWOT Analysis

Figure 88: Global: Potting Compound Industry: Value Chain Analysis

Figure 89: Global: Potting Compound Industry: Porter's Five Forces Analysis

I would like to order

Product name: Potting Compound Market Report by Resin Type (Epoxy, Polyurethane, Silicone, Polyester, Polyamide, Polyolefin, Acrylics), Curing Technology (UV Curing, Thermal Curing, Room Temperature Curing), End User (Electronics, Aerospace, Automotive, Industrial, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/P9131F9D417AEN.html>

Price: US\$ 3,899.00 (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/P9131F9D417AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970