

Conformal Coatings Market By Material Type (Acrylic, Silicone, Urethane, Parylene, Epoxy, Others) , By End-User Industry (Automotive, Consumer Electronics, Telecommunication, Aerospace, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2033

Market Report | 2024-09-01 | 410 pages | Allied Market Research

AVAILABLE LICENSES:

- Cloud Access License \$2655.00
- Business User License \$4425.00
- Enterprise License \$7412.00

Report description:

The conformal coatings market was valued at \$1.4 billion in 2023, and is projected to reach \$2.3 billion by 2033, growing at a CAGR of 5.2% from 2024 to 2033.

Conformal coatings are protective chemical coatings applied to electronic circuit boards and components to safeguard them from environmental factors such as moisture, dust, chemicals, and extreme temperature. These coatings provide a thin, transparent layer that enhances the reliability and longevity of electronic devices. Common materials used for conformal coatings include acrylics, silicones, polyurethanes, and epoxy resins.

The growth of the global conformal coatings market is majorly driven by trend of miniaturization. This is attributed to the fact that electronic devices are becoming smaller and more compact, which has boosted the need for effective protective coatings that can fit into tight spaces and protect delicate components. Thus, rise in penetration of electronics acts as the key driving force of the global market. A report from the International Data Corporation-a leading provider of market intelligence, advisory services, and events for the information technology, telecommunications, and consumer technology markets-estimates that global shipments of smartphones and other consumer electronics are expected to reach 2.8 billion units by 2023. In addition, expansion of sectors such as consumer electronics, automotive, aerospace, and telecommunications significantly contributes toward the market growth, as these industries require reliable protection for their products. Moreover, surge in adoption of electric and hybrid vehicles significantly boosts the growth of the global market. According to the International Energy Agency, a Paris-based autonomous intergovernmental organization, over 3 million electric vehicles were sold in the first quarter of 2024, around 25% higher as compared to 2023. This number is estimated to reach 17 million by the end of 2024, exhibiting a 20% year-on-year increase. Furthermore, increase in integration of smart technologies in various applications, such as IoT devices and smart

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

appliances, necessitates protective coatings for sensitive electronic components, thereby augmenting the market growth. However, high application cost of conformal coatings acts as the key deterrent factor of the global market. In addition, once applied, conformal coatings can be difficult to remove or repair. This limitation can pose challenges for manufacturers when maintenance or modifications are required. On the contrary, innovations in coating materials and application methods improve the performance and effectiveness of conformal coatings, making them more appealing to manufacturers. Such developments are expected to offer lucrative opportunities for the market growth during the forecast period.

The global conformal coatings market is segmented on the basis by material type, end-user industry, and region. By material type, the market is classified into acrylic, silicone, urethane, parylene, epoxy, and others. Depending on end-user industry, it is fragmented into automotive, consumer electronics, telecommunication, aerospace, and others. Region wise, the market is studied across areas such as North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

By material type, the urethane segment is expected to maintain its lead position from 2024 to 2033.

Depending on end-user industry, the automotive segment is anticipated to dominate the market during the forecast period.

Region wise, Asia-Pacific is likely to emerge as the most lucrative market for conformal coatings throughout the forecast period.

□

Competition Analysis

Competitive analysis and profiles of the major players in the global conformal coatings market include Chase Corporation, Electrolube, Europlasma NV, MG Chemicals, KISCO LTD, Dymax, Guangdong Ritop Fine Chemical Company Co., Ltd., CHT Germany GmbH, Dow Inc., and Henkel AG & Co. KGaA. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships to sustain the intense competition and gain a strong foothold in the global market.

□

Additional benefits you will get with this purchase are:

- Quarterly Update and* (only available with a corporate license, on listed price)
- 5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.
- Free Upcoming Version on the Purchase of Five and Enterprise User License.
- 16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)
- 15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)
- Free data Pack on the Five and Enterprise User License. (Excel version of the report)
- Free Updated report if the report is 6-12 months old or older.
- 24-hour priority response*
- Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk to the sales executive to know more)

- Manufacturing Capacity
- Capital Investment breakdown
- Investment Opportunities
- Product Benchmarking / Product specification and applications
- Market share analysis of players by products/segments
- New Product Development/ Product Matrix of Key Players
- Regulatory Guidelines
- Additional company profiles with specific to client's interest
- Additional country or region analysis- market size and forecast
- Average Selling Price Analysis / Price Point Analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Expanded list for Company Profiles
- Historic market data
- Import Export Analysis/Data
- Key player details (including location, contact details, supplier/vendor network etc. in excel format)
- List of customers/consumers/raw material suppliers- value chain analysis
- Market share analysis of players at global/region/country level
- SWOT Analysis
- Volume Market Size and Forecast

Key Market Segments

By Material Type

- Acrylic
- Silicone
- Urethane
- Parylene
- Epoxy
- Others

By End-User Industry

- Automotive
- Consumer Electronics
- Telecommunication
- Aerospace
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- France
- Germany
- Italy
- Spain
- UK
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- South Africa
- Saudi Arabia
- Rest of LAMEA
- Key Market Players

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Chase Corporation
- Electrolube
- Europlasma NV
- MG Chemicals
- KISCO LTD
- Dymax
- Guangdong Ritop Fine Chemical Company Co.,Ltd.
- CHT Germany GmbH
- Dow Inc.
- Henkel AG & Co. KGaA

Table of Contents:

CHAPTER 1: INTRODUCTION

- 1.1. Report Description
- 1.2. Key Market Segments
- 1.3. Key Benefits
- 1.4. Research Methodology
 - 1.4.1. Primary Research
 - 1.4.2. Secondary Research
 - 1.4.3. Analyst Tools and Models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET LANDSCAPE

- 3.1. Market Definition and Scope
- 3.2. Key Findings
 - 3.2.1. Top Investment Pockets
 - 3.2.2. Top Winning Strategies
- 3.3. Porter's Five Forces Analysis
 - 3.3.1. Bargaining Power of Suppliers
 - 3.3.2. Threat of New Entrants
 - 3.3.3. Threat of Substitutes
 - 3.3.4. Competitive Rivalry
 - 3.3.5. Bargaining Power among Buyers
- 3.4. Market Dynamics
 - 3.4.1. Drivers
 - 3.4.2. Restraints
 - 3.4.3. Opportunities

CHAPTER 4: CONFORMAL COATINGS MARKET, BY MATERIAL TYPE

- 4.1. Market Overview
 - 4.1.1 Market Size and Forecast, By Material Type
- 4.2. Acrylic
 - 4.2.1. Key Market Trends, Growth Factors and Opportunities
 - 4.2.2. Market Size and Forecast, By Region
 - 4.2.3. Market Share Analysis, By Country
- 4.3. Silicone
 - 4.3.1. Key Market Trends, Growth Factors and Opportunities
 - 4.3.2. Market Size and Forecast, By Region

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 4.3.3. Market Share Analysis, By Country
- 4.4. Urethane
 - 4.4.1. Key Market Trends, Growth Factors and Opportunities
 - 4.4.2. Market Size and Forecast, By Region
 - 4.4.3. Market Share Analysis, By Country
- 4.5. Parylene
 - 4.5.1. Key Market Trends, Growth Factors and Opportunities
 - 4.5.2. Market Size and Forecast, By Region
 - 4.5.3. Market Share Analysis, By Country
- 4.6. Epoxy
 - 4.6.1. Key Market Trends, Growth Factors and Opportunities
 - 4.6.2. Market Size and Forecast, By Region
 - 4.6.3. Market Share Analysis, By Country
- 4.7. Others
 - 4.7.1. Key Market Trends, Growth Factors and Opportunities
 - 4.7.2. Market Size and Forecast, By Region
 - 4.7.3. Market Share Analysis, By Country
- CHAPTER 5: CONFORMAL COATINGS MARKET, BY END-USER INDUSTRY
 - 5.1. Market Overview
 - 5.1.1 Market Size and Forecast, By End-user Industry
 - 5.2. Automotive
 - 5.2.1. Key Market Trends, Growth Factors and Opportunities
 - 5.2.2. Market Size and Forecast, By Region
 - 5.2.3. Market Share Analysis, By Country
 - 5.3. Consumer Electronics
 - 5.3.1. Key Market Trends, Growth Factors and Opportunities
 - 5.3.2. Market Size and Forecast, By Region
 - 5.3.3. Market Share Analysis, By Country
 - 5.4. Telecommunication
 - 5.4.1. Key Market Trends, Growth Factors and Opportunities
 - 5.4.2. Market Size and Forecast, By Region
 - 5.4.3. Market Share Analysis, By Country
 - 5.5. Aerospace
 - 5.5.1. Key Market Trends, Growth Factors and Opportunities
 - 5.5.2. Market Size and Forecast, By Region
 - 5.5.3. Market Share Analysis, By Country
 - 5.6. Others
 - 5.6.1. Key Market Trends, Growth Factors and Opportunities
 - 5.6.2. Market Size and Forecast, By Region
 - 5.6.3. Market Share Analysis, By Country
- CHAPTER 6: CONFORMAL COATINGS MARKET, BY REGION
 - 6.1. Market Overview
 - 6.1.1 Market Size and Forecast, By Region
 - 6.2. North America
 - 6.2.1. Key Market Trends and Opportunities
 - 6.2.2. Market Size and Forecast, By Material Type
 - 6.2.3. Market Size and Forecast, By End-user Industry

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.2.4. Market Size and Forecast, By Country
- 6.2.5. U.S. Conformal Coatings Market
 - 6.2.5.1. Market Size and Forecast, By Material Type
 - 6.2.5.2. Market Size and Forecast, By End-user Industry
- 6.2.6. Canada Conformal Coatings Market
 - 6.2.6.1. Market Size and Forecast, By Material Type
 - 6.2.6.2. Market Size and Forecast, By End-user Industry
- 6.2.7. Mexico Conformal Coatings Market
 - 6.2.7.1. Market Size and Forecast, By Material Type
 - 6.2.7.2. Market Size and Forecast, By End-user Industry
- 6.3. Europe
 - 6.3.1. Key Market Trends and Opportunities
 - 6.3.2. Market Size and Forecast, By Material Type
 - 6.3.3. Market Size and Forecast, By End-user Industry
 - 6.3.4. Market Size and Forecast, By Country
 - 6.3.5. France Conformal Coatings Market
 - 6.3.5.1. Market Size and Forecast, By Material Type
 - 6.3.5.2. Market Size and Forecast, By End-user Industry
 - 6.3.6. Germany Conformal Coatings Market
 - 6.3.6.1. Market Size and Forecast, By Material Type
 - 6.3.6.2. Market Size and Forecast, By End-user Industry
 - 6.3.7. Italy Conformal Coatings Market
 - 6.3.7.1. Market Size and Forecast, By Material Type
 - 6.3.7.2. Market Size and Forecast, By End-user Industry
 - 6.3.8. Spain Conformal Coatings Market
 - 6.3.8.1. Market Size and Forecast, By Material Type
 - 6.3.8.2. Market Size and Forecast, By End-user Industry
 - 6.3.9. UK Conformal Coatings Market
 - 6.3.9.1. Market Size and Forecast, By Material Type
 - 6.3.9.2. Market Size and Forecast, By End-user Industry
 - 6.3.10. Rest Of Europe Conformal Coatings Market
 - 6.3.10.1. Market Size and Forecast, By Material Type
 - 6.3.10.2. Market Size and Forecast, By End-user Industry
- 6.4. Asia-Pacific
 - 6.4.1. Key Market Trends and Opportunities
 - 6.4.2. Market Size and Forecast, By Material Type
 - 6.4.3. Market Size and Forecast, By End-user Industry
 - 6.4.4. Market Size and Forecast, By Country
 - 6.4.5. China Conformal Coatings Market
 - 6.4.5.1. Market Size and Forecast, By Material Type
 - 6.4.5.2. Market Size and Forecast, By End-user Industry
 - 6.4.6. Japan Conformal Coatings Market
 - 6.4.6.1. Market Size and Forecast, By Material Type
 - 6.4.6.2. Market Size and Forecast, By End-user Industry
 - 6.4.7. India Conformal Coatings Market
 - 6.4.7.1. Market Size and Forecast, By Material Type
 - 6.4.7.2. Market Size and Forecast, By End-user Industry

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.4.8. South Korea Conformal Coatings Market
 - 6.4.8.1. Market Size and Forecast, By Material Type
 - 6.4.8.2. Market Size and Forecast, By End-user Industry
- 6.4.9. Australia Conformal Coatings Market
 - 6.4.9.1. Market Size and Forecast, By Material Type
 - 6.4.9.2. Market Size and Forecast, By End-user Industry
- 6.4.10. Rest of Asia-Pacific Conformal Coatings Market
 - 6.4.10.1. Market Size and Forecast, By Material Type
 - 6.4.10.2. Market Size and Forecast, By End-user Industry
- 6.5. LAMEA
 - 6.5.1. Key Market Trends and Opportunities
 - 6.5.2. Market Size and Forecast, By Material Type
 - 6.5.3. Market Size and Forecast, By End-user Industry
 - 6.5.4. Market Size and Forecast, By Country
 - 6.5.5. Brazil Conformal Coatings Market
 - 6.5.5.1. Market Size and Forecast, By Material Type
 - 6.5.5.2. Market Size and Forecast, By End-user Industry
 - 6.5.6. South Africa Conformal Coatings Market
 - 6.5.6.1. Market Size and Forecast, By Material Type
 - 6.5.6.2. Market Size and Forecast, By End-user Industry
 - 6.5.7. Saudi Arabia Conformal Coatings Market
 - 6.5.7.1. Market Size and Forecast, By Material Type
 - 6.5.7.2. Market Size and Forecast, By End-user Industry
 - 6.5.8. Rest of LAMEA Conformal Coatings Market
 - 6.5.8.1. Market Size and Forecast, By Material Type
 - 6.5.8.2. Market Size and Forecast, By End-user Industry

CHAPTER 7: COMPETITIVE LANDSCAPE

- 7.1. Introduction
- 7.2. Top Winning Strategies
- 7.3. Product Mapping Of Top 10 Player
- 7.4. Competitive Dashboard
- 7.5. Competitive Heatmap
- 7.6. Top Player Positioning, 2023

CHAPTER 8: COMPANY PROFILES

- 8.1. Chase Corporation
 - 8.1.1. Company Overview
 - 8.1.2. Key Executives
 - 8.1.3. Company Snapshot
 - 8.1.4. Operating Business Segments
 - 8.1.5. Product Portfolio
 - 8.1.6. Business Performance
 - 8.1.7. Key Strategic Moves and Developments
- 8.2. Electrolube
 - 8.2.1. Company Overview
 - 8.2.2. Key Executives
 - 8.2.3. Company Snapshot
 - 8.2.4. Operating Business Segments

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.2.5. Product Portfolio
- 8.2.6. Business Performance
- 8.2.7. Key Strategic Moves and Developments
- 8.3. Europlasma NV
 - 8.3.1. Company Overview
 - 8.3.2. Key Executives
 - 8.3.3. Company Snapshot
 - 8.3.4. Operating Business Segments
 - 8.3.5. Product Portfolio
 - 8.3.6. Business Performance
 - 8.3.7. Key Strategic Moves and Developments
- 8.4. MG Chemicals
 - 8.4.1. Company Overview
 - 8.4.2. Key Executives
 - 8.4.3. Company Snapshot
 - 8.4.4. Operating Business Segments
 - 8.4.5. Product Portfolio
 - 8.4.6. Business Performance
 - 8.4.7. Key Strategic Moves and Developments
- 8.5. KISCO LTD
 - 8.5.1. Company Overview
 - 8.5.2. Key Executives
 - 8.5.3. Company Snapshot
 - 8.5.4. Operating Business Segments
 - 8.5.5. Product Portfolio
 - 8.5.6. Business Performance
 - 8.5.7. Key Strategic Moves and Developments
- 8.6. Dymax
 - 8.6.1. Company Overview
 - 8.6.2. Key Executives
 - 8.6.3. Company Snapshot
 - 8.6.4. Operating Business Segments
 - 8.6.5. Product Portfolio
 - 8.6.6. Business Performance
 - 8.6.7. Key Strategic Moves and Developments
- 8.7. Guangdong Ritop Fine Chemical Company Co., Ltd.
 - 8.7.1. Company Overview
 - 8.7.2. Key Executives
 - 8.7.3. Company Snapshot
 - 8.7.4. Operating Business Segments
 - 8.7.5. Product Portfolio
 - 8.7.6. Business Performance
 - 8.7.7. Key Strategic Moves and Developments
- 8.8. CHT Germany GmbH
 - 8.8.1. Company Overview
 - 8.8.2. Key Executives
 - 8.8.3. Company Snapshot

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.8.4. Operating Business Segments
- 8.8.5. Product Portfolio
- 8.8.6. Business Performance
- 8.8.7. Key Strategic Moves and Developments
- 8.9. Dow Inc.
- 8.9.1. Company Overview
- 8.9.2. Key Executives
- 8.9.3. Company Snapshot
- 8.9.4. Operating Business Segments
- 8.9.5. Product Portfolio
- 8.9.6. Business Performance
- 8.9.7. Key Strategic Moves and Developments
- 8.10. Henkel AG And Co. KGaA
- 8.10.1. Company Overview
- 8.10.2. Key Executives
- 8.10.3. Company Snapshot
- 8.10.4. Operating Business Segments
- 8.10.5. Product Portfolio
- 8.10.6. Business Performance
- 8.10.7. Key Strategic Moves and Developments

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Conformal Coatings Market By Material Type (Acrylic, Silicone, Urethane, Parylene, Epoxy, Others) , By End-User Industry (Automotive, Consumer Electronics, Telecommunication, Aerospace, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2033

Market Report | 2024-09-01 | 410 pages | Allied Market Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Cloud Access License	\$2655.00
	Business User License	\$4425.00
	Enterprise License	\$7412.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2026-03-02

Signature

A large, empty rectangular box intended for a signature.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com