

Electrical Insulation Coatings Market Analysis By Product (Liquid, Powder), By Raw Material (Epoxy, Polytetrafluoroethylene (PTFE), Ceramic) And Segment Forecasts To 2024

<https://marketpublishers.com/r/E584AEC4ADEEN.html>

Date: October 2016

Pages: 90

Price: US\$ 5,950.00 (Single User License)

ID: E584AEC4ADEEN

Abstracts

The global electrical insulation coating market is expected to reach USD 3.0 billion in 2024, according to a new report by Grand View Research, Inc. The demand for electricity is slated to grow at an estimated annual rate of over 2.5%. The electricity demand is anticipated to witness robust growth from non-OECD countries owing to economic and population growth. Other factors such as easy availability of raw materials, upcoming power generation projects particularly in Asia Pacific are anticipated to foster the market growth.

Raw material prices play a vital role in defining the overall costs of the final product. Currency fluctuations are expected to result in unstable raw material prices. The high cost of coating formulations is another factor which is anticipated to hinder the market growth. Regulations related to VOC (volatile organic compound) emission are expected to affect the demand for liquid based insulation coatings in the near future.

Liquid coatings emerged as the leading product segment and accounted for over 60% of global demand in 2015. However, gaining popularity of powder coatings for electrical insulation on account of stringent regulations in place is expected to increase its market share over the forecast period.

Further key findings from the report suggest:

The global electrical insulation coating market demand exceeded 650 kilo tons in 2015 and is expected to exceed 900 kilo tons by 2024, growing at a CAGR of 3.7% from 2016

to 2024

Trends in powder coating industry have oriented towards development of binders resulting in improved gloss retention and high UV resistance

Epoxies are known to have excellent dielectric properties, dimensional stability, good shock and vibration resistance. The raw material segment is expected to grow at an estimated CAGR of 5.0% from 2016 to 2024.

Asia Pacific was the leading consumer with its share exceeding 50% in 2015. Easy availability of key raw materials coupled with rapidly growing electrical industry in China and India are likely to drive the regional growth.

Electrical insulation coatings industry is likely to witness technological shift owing to strict VOC regulations. Various market players have implemented different coating processes depending on the geometry of the electrical components.

Some key companies operating in the market include Axalta Coating Systems, Elantas GmbH, 3M Company, PPG Industries, AkzoNobel N.V., and Evonik Industries

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Scope & Assumptions
- 1.3. List of Data Sources
- 1.4. List of Abbreviations

CHAPTER 2. EXECUTIVE SUMMARY

CHAPTER 3. MARKET SNAPSHOT

CHAPTER 4. MARKET VARIABLES, TRENDS & SCOPE

- 4.1. Market Segmentation & Scope
- 4.2. Penetration & Growth Prospect Mapping
- 4.3. Value Chain Analysis
- 4.4. Raw Material Outlook
- 4.5. Technology Outlook
 - 4.5.1. Powder Coating Process
 - 4.5.1.1. Fluidized Bed Process
 - 4.5.1.2. Electrostatic Spray Method
 - 4.5.2. Thermal Spraying Method
 - 4.5.3. Methods of Impregnation
 - 4.5.3.1. Dip (Flood) Impregnation
 - 4.5.3.2. Vacuum or Vacuum-Pressure Impregnation (VPI)
 - 4.5.3.3. Trickle Impregnation
- 4.6. Market Dynamics
 - 4.6.1. Market Driver Analysis
 - 4.6.1.1. Rising demand in end-use application
 - 4.6.2. Market Restraint Analysis
 - 4.6.2.1. Relatively higher cost of coating formulations
- 4.7. Key Opportunities Prioritized
- 4.8. Industry Analysis - Porter's
- 4.9. PESTEL Analysis

CHAPTER 5. MARKET CATEGORIZATION 1: PRODUCT ESTIMATES & TREND ANALYSIS

- 5.1. Electrical Insulation Coatings market share by product, 2015 & 2024
- 5.2. Global Electrical Insulation Coatings market by product, 2014 - 2024
- 5.3. Liquid
 - 5.3.1. Market estimates & forecast, 2014 - 2024
 - 5.3.2. Market estimates & forecast by region, 2014 - 2024
- 5.4. Powder
 - 5.4.1. Market estimates & forecast, 2014 - 2024
 - 5.4.2. Market estimates & forecast by region, 2014 - 2024

CHAPTER 6. MARKET CATEGORIZATION 2: RAW MATERIAL ESTIMATES & TREND ANALYSIS

- 6.1. Electrical Insulation Coatings market share by raw material, 2015 & 2025
- 6.2. Global Electrical Insulation Coatings market by raw material, 2014 - 2024
- 6.3. Epoxy
 - 6.3.1. Market estimates & forecast, 2014 - 2024
 - 6.3.2. Market estimates & forecast by region, 2014 - 2024
- 6.4. Polytetrafluoroethylene (PTFE)
 - 6.4.1. Market estimates & forecast, 2014 - 2024
 - 6.4.2. Market estimates & forecast by region, 2014 - 2024
- 6.5. Ceramic
 - 6.5.1. Market estimates & forecast, 2014 - 2024
 - 6.5.2. Market estimates & forecast by region, 2014 - 2024
- 6.6. Others
 - 6.6.1. Market estimates & forecast, 2014 - 2024
 - 6.6.2. Market estimates & forecast by region, 2014 - 2024

CHAPTER 7. MARKET CATEGORIZATION 3: REGIONAL ESTIMATES & TREND ANALYSIS

- 7.1. Electrical Insulation Coatings market share by region, 2015 & 2025
- 7.2. Global Electrical Insulation Coatings market by region, 2014 & 2025
- 7.3. North America
 - 7.3.1. Market estimates & forecast, 2014 - 2024
 - 7.3.2. Market estimates & forecast by product, 2014 - 2024
 - 7.3.3. Market estimates & forecast by raw material, 2014 - 2024
 - 7.3.4. U.S.
 - 7.3.4.1. Market estimates & forecast, 2014 - 2024

7.3.4.2. Market estimates & forecast by product, 2014 - 2024

7.3.4.3. Market estimates & forecast by raw material, 2014 - 2024

7.4. Europe

7.4.1. Market estimates & forecast, 2014 - 2024

7.4.2. Market estimates & forecast by product, 2014 - 2024

7.4.3. Market estimates & forecast by raw material, 2014 - 2024

7.4.4. Germany

7.4.4.1. Market estimates & forecast, 2014 - 2024

7.4.4.2. Market estimates & forecast by product, 2014 - 2024

7.4.4.3. Market estimates & forecast by raw material, 2014 - 2024

7.4.5. UK

7.4.5.1. Market estimates & forecast, 2014 - 2024

7.4.5.2. Market estimates & forecast by product, 2014 - 2024

7.4.5.3. Market estimates & forecast by raw material, 2014 - 2024

7.4.6. France

7.4.6.1. Market estimates & forecast, 2014 - 2024

7.4.6.2. Market estimates & forecast by product, 2014 - 2024

7.4.6.3. Market estimates & forecast by raw material, 2014 - 2024

7.5. Asia Pacific

7.5.1. Market estimates & forecast, 2014 - 2024

7.5.2. Market estimates & forecast by product, 2014 - 2024

7.5.3. Market estimates & forecast by raw material, 2014 - 2024

7.5.4. China

7.5.4.1. Market estimates & forecast, 2014 - 2024

7.5.4.2. Market estimates & forecast by product, 2014 - 2024

7.5.4.3. Market estimates & forecast by raw material, 2014 - 2024

7.5.5. India

7.5.5.1. Market estimates & forecast, 2014 - 2024

7.5.5.2. Market estimates & forecast by product, 2014 - 2024

7.5.5.3. Market estimates & forecast by raw material, 2014 - 2024

7.5.6. Japan

7.5.6.1. Market estimates & forecast, 2014 - 2024

7.5.6.2. Market estimates & forecast by product, 2014 - 2024

7.5.6.3. Market estimates & forecast by raw material, 2014 - 2024

7.6. Middle East & Africa

7.6.1. Market estimates & forecast, 2014 - 2024

7.6.2. Market estimates & forecast by product, 2014 - 2024

7.6.3. Market estimates & forecast by raw material, 2014 - 2024

7.6.4. Saudi Arabia

7.6.4.1. Market estimates & forecast, 2014 - 2024

7.6.4.2. Market estimates & forecast by product, 2014 - 2024

7.6.4.3. Market estimates & forecast by raw material, 2014 - 2024

7.7. Central & South America

7.7.1. Market estimates & forecast, 2014 - 2024

7.7.2. Market estimates & forecast by product, 2014 - 2024

7.7.3. Market estimates & forecast by raw material, 2014 - 2024

7.7.4. Brazil

7.7.4.1. Market estimates & forecast, 2014 - 2024

7.7.4.2. Market estimates & forecast by product, 2014 - 2024

7.7.4.3. Market estimates & forecast by raw material, 2014 - 2024

CHAPTER 8. COMPETITIVE LANDSCAPE

8.1. Competitive Heat Map Analysis

8.2. Vendor Landscape

8.3. Competitive Environment

CHAPTER 9. COMPANY PROFILES

9.1. Evonik Industries AG

9.1.1. Company Overview

9.1.2. Financial Performance

9.1.3. Product Benchmarking

9.1.4. Strategic Initiatives

9.2. 3M Company

9.2.1. Company Overview

9.2.2. Financial Performance

9.2.3. Product Benchmarking

9.2.4. Strategic Initiatives

9.3. PPG Industries

9.3.1. Company Overview

9.3.2. Financial Performance

9.3.3. Product Benchmarking

9.3.4. Strategic Initiatives

9.4. Thermal Spray Coatings (A Fisher Barton Company)

9.4.1. Company Overview

9.4.2. Financial Performance

9.4.3. Product Benchmarking

- 9.4.4. Strategic Initiatives
- 9.5. GfE Group
 - 9.5.1. Company Overview
 - 9.5.2. Financial Performance
 - 9.5.3. Product Benchmarking
 - 9.5.4. Strategic Initiatives
- 9.6. ELANTAS GmbH
 - 9.6.1. Company Overview
 - 9.6.2. Financial Performance
 - 9.6.3. Product Benchmarking
 - 9.6.4. Strategic Initiatives
- 9.7. GLS Coatings Ltd.
 - 9.7.1. Company Overview
 - 9.7.2. Financial Performance
 - 9.7.3. Product Benchmarking
 - 9.7.4. Strategic Initiatives
- 9.8. SK Formulations India PVT. LTD
 - 9.8.1. Company Overview
 - 9.8.2. Financial Performance
 - 9.8.3. Product Benchmarking
 - 9.8.4. Strategic Initiatives
- 9.9. Fluoro Precision Coatings
 - 9.9.1. Company Overview
 - 9.9.2. Financial Performance
 - 9.9.3. Product Benchmarking
 - 9.9.4. Strategic Initiatives
- 9.10. Axalta Coating Systems
 - 9.10.1. Company Overview
 - 9.10.2. Financial Performance
 - 9.10.3. Product Benchmarking
 - 9.10.4. Strategic Initiatives
- 9.11. AkzoNobel Powder Coatings
 - 9.11.1. Company Overview
 - 9.11.2. Financial Performance
 - 9.11.3. Product Benchmarking
 - 9.11.4. Strategic Initiatives

List Of Tables

LIST OF TABLES

- Table 1. Electrical Insulation Coatings - Key market driver impact
- Table 2. Electrical Insulation Coatings - Key market restraints impact
- Table 3. Global electrical insulation coatings demand by product 2014 - 2024 (Kilo Tons)
- Table 4. Global electrical insulation coatings demand by product 2014 - 2024 (USD Million)
- Table 5. Liquid electrical insulation coatings demand, 2014 - 2024 (Kilo Tons)(USD Million)
- Table 6. Liquid electrical insulation coatings demand, by region 2014 - 2024 (Kilo Tons)
- Table 7. Liquid electrical insulation coatings, by region 2014 - 2024 (USD Million)
- Table 8. Powder electrical insulation coatings demand, 2014 - 2024 (Kilo Tons)(USD Million)
- Table 9. Powder electrical insulation coatings demand, by region 2014 - 2024 (Kilo Tons)
- Table 10. Powder electrical insulation coatings demand, by region 2014 - 2024 (USD Million)
- Table 11. Global electrical insulation coatings demand by raw material 2014 - 2024 (Kilo Tons)
- Table 12. Global electrical insulation coatings demand by raw material 2014 - 2024 (USD Million)
- Table 13. Epoxy based electrical insulation coatings demand, 2014 - 2024 (Kilo Tons)(USD Million)
- Table 14. Epoxy based electrical insulation coatings demand in liquid, by region 2014 - 2024 (Kilo Tons)
- Table 15. Epoxy based electrical insulation coatings, by region 2014 - 2024 (USD Million)
- Table 16. PTFE based electrical insulation coatings demand, 2014 - 2024 (Kilo Tons)(USD Million)
- Table 17. PTFE based electrical insulation coatings demand, by region 2014 - 2024 (Kilo Tons)
- Table 18. PTFE based electrical insulation coatings demand, by region 2014 - 2024 (USD Million)
- Table 19. Ceramic based electrical insulation coatings demand, 2014 - 2024 (Kilo Tons)(USD Million)
- Table 20. Ceramic based electrical insulation coatings demand, by region 2014 - 2024

(Kilo Tons)

Table 21. Ceramic based electrical insulation coatings demand, by region 2014 - 2024

(USD Million)

Table 22. Other electrical insulation coatings demand, 2014 - 2024 (Kilo Tons)(USD

Million)

Table 23. Other based electrical insulation coatings demand, by region 2014 - 2024

(Kilo Tons)

Table 24. Other based electrical insulation coatings demand, by region 2014 - 2024

(USD Million)

Table 25. Global electrical insulation coatings demand by region 2014 - 2024 (Kilo

Tons)

Table 26. Global electrical insulation coatings demand by region 2014 - 2024 (USD

Million)

Table 27. North America electrical insulation coatings market, 2014 - 2024 (Kilo Tons)

(USD Million)

Table 28. North America electrical insulation coatings market, by product 2014 - 2024

(Kilo Tons)

Table 29. North America electrical insulation coatings market, by product 2014 -

2024,(USD Million)

Table 30. North America electrical insulation coatings market, by raw material 2014 -

2024 (Kilo Tons)

Table 31. North America electrical insulation coatings market, by raw material 2014 -

2024 (USD Million)

Table 32. U.S. electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD

Million)

Table 33. U.S. electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 34. U.S. electrical insulation coatings market, by product 2014 - 2024 (USD

Million)

Table 35. U.S. electrical insulation coatings market, by raw material 2014 - 2024 (Kilo

Tons)

Table 36. U.S. electrical insulation coatings market, by raw material 2014 - 2024 (USD

Million)

Table 37. Europe electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD

Million)

Table 38. Europe electrical insulation coatings market, by product 2014 - 2024 (Kilo

Tons)

Table 39. Europe electrical insulation coatings market, by product 2014 - 2024 (USD

Million)

Table 40. Europe electrical insulation coatings market, by raw material 2014 - 2024 (Kilo

Tons)

Table 41. Europe electrical insulation coatings market, by raw material 2014 - 2024 (USD Million)

Table 42. Germany electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 43. Germany electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 44. Germany electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 45. Germany electrical insulation coatings market, by raw material 2014 - 2024 (Kilo Tons)

Table 46. Germany electrical insulation coatings market, by raw material 2014 - 2024 (USD Million)

Table 47. France electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 48. France electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 49. France electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 50. France electrical insulation coatings market, by raw material 2014 - 2024 (Kilo Tons)

Table 51. France electrical insulation coatings market, by raw material 2014 - 2024,(USD Million)

Table 52. U.K. electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 53. U.K.electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 54. U.K.electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 55. U.K.electrical insulation coatings market, by raw material 2014 - 2024 (Kilo Tons)

Table 56. U.K.electrical insulation coatings market, by raw material 2014 - 2024 (USD Million)

Table 57. Asia Pacific electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 58. Asia Pacific electrical insulation coatings market, by product 2014 - 2024,(Kilo Tons)

Table 59. Asia Pacific electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 60. Asia Pacific electrical insulation coatings market, by raw material 2014 - 2024

(Kilo Tons)

Table 61. Asia Pacific electrical insulation coatings market, by raw material 2014 - 2024 (USD Million)

Table 62. China electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 63. China electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 64. China electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 65. China electrical insulation coatings market, by raw material 2014 - 2024 (Kilo Tons)

Table 66. China electrical insulation coatings market, by raw material 2014 - 2024,(USD Million)

Table 67. Japan electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 68. Japan electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 69. Japan electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 70. Japan electrical insulation coatings market, by raw material 2014 - 2024 (Kilo Tons)

Table 71. Japan electrical insulation coatings market, by raw material 2014 - 2024,(USD Million)

Table 72. India electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 73. India electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 74. India electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 75. India electrical insulation coatings market, by raw material 2014 - 2024 (Kilo Tons)

Table 76. India electrical insulation coatings market, by raw material 2014 - 2024,(USD Million)

Table 77. MEA electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 78. MEA electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 79. MEA electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 80. MEA electrical insulation coatings market, by raw material 2014 - 2024 (Kilo Tons)

Table 81. MEA electrical insulation coatings market, by raw material 2014 - 2024,(USD Million)

Table 82. Saudi Arabia electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 83. Saudi Arabia electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 84. Saudi Arabia electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 85. Saudi Arabia electrical insulation coatings market, by raw material 2014 - 2024 (Kilo Tons)

Table 86. Saudi Arabia electrical insulation coatings market, by raw material 2014 - 2024,(USD Million)

Table 87. CSA electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 88. CSA electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 89. CSA electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 90. CSA electrical insulation coatings market, by raw material 2014 - 2024 (Kilo Tons)

Table 91. CSA electrical insulation coatings market, by raw material 2014 - 2024,(USD Million)

Table 92. Brazil electrical insulation coatings market, 2014 - 2024 (Kilo Tons) (USD Million)

Table 93. Brazil electrical insulation coatings market, by product 2014 - 2024 (Kilo Tons)

Table 94. Brazil electrical insulation coatings market, by product 2014 - 2024 (USD Million)

Table 95. Brazil electrical insulation coatings market, by raw material 2014 - 2024,(Kilo Tons)

Table 96. Brazil electrical insulation coatings market, by raw material 2014 - 2024,(USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1. Electrical Insulation Coatings market volume share, 2015 (Kilo Tons)
- Fig. 2. Electrical Insulation Coatings- industry snapshot
- Fig. 3. Electrical Insulation Coatings market segmentation
- Fig. 4. Electrical Insulation Coatings value chain analysis
- Fig. 5. Electrical Insulation Coatings market dynamics
- Fig. 6. Electrical Insulation Coatings- Porter's analysis
- Fig. 7. Electrical Insulation Coatings PESTEL analysis
- Fig. 8. Electrical Insulation Coatings market share by product, 2015 & 2024
- Fig. 9. Electrical Insulation Coatings market share by raw material, 2015 & 2024
- Fig. 10. Electrical Insulation Coatings market penetration and growth prospects by region
- Fig. 11. Electrical Insulation Coatings market share by region, 2015 & 2024

I would like to order

Product name: Electrical Insulation Coatings Market Analysis By Product (Liquid, Powder), By Raw Material (Epoxy, Polytetrafluoroethylene (PTFE), Ceramic) And Segment Forecasts To 2024

Product link: <https://marketpublishers.com/r/E584AEC4ADEEN.html>

Price: US\$ 5,950.00 (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/E584AEC4ADEEN.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