

Smart Packaging Market Analysis By Product (Active Packaging, Intelligent Packaging) By Application (Food & Beverage, Healthcare, Personal Care, Automotive) And Segment Forecasts To 2024

https://marketpublishers.com/r/S23F467CBBEEN.html

Date: October 2016 Pages: 92 Price: US\$ 5,950.00 (Single User License) ID: S23F467CBBEEN

Abstracts

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The global smart packaging market is expected to reach USD 26.7 billion by 2024, according to a new report by Grand View Research, Inc. Rising need for smart packaging products owing to increasing usage in the end use industries such as electronics and automotive on account of its superior protection properties is expected to fuel the growth over the forecast period. Rising industrialization in emerging regions including Asia Pacific and the Middle East is expected to drive the industry over the next eight years.

Increasing application scope in the logistics industry pertaining to the surging use of RFID tags at multiple levels to speed up locating products, and to improve the availability of real-time information coupled with the elimination of record loss is expected to drive the demand over the next eight years. Moreover, rising investment to improve the logistics industry within emerging economies such as China and India are projected to propel the industry growth.

Active Packaging accounted for over 70% of the market in terms of revenue on account of superior corrosion and moisture control properties. Growing use of the product in the automotive sector is likely to drive the demand over the forecast period.

Further key findings from the report suggest:



The global smart packaging industry in terms of revenue was USD 10.8 Billion in 2015 and is expected to reach USD 26.7 Billion by 2024, recording a CAGR of 10.6% from 2016 to 2024.

NFC (near field communication) is projected to be the fastest growing segment within intelligent packaging registering a CAGR of over 12% from 2016 to 2024. Usage of NFC in the telecom industries is rising exponentially. Smartphones equipped with NFC which can be paired with NFC tags or stickers, programmed by NFC apps to automate tasks and hence, is likely to fuel the growth of smart packaging market over the forecast period.

Personal care sector is expected to register a CAGR of over 10% from 2016 to 2024 accounting for about 9% of the total market in 2015. Growing demand for personal care products particularly organic products on account of rising awareness about various health benefits over their synthetic counterparts is likely to fuel the industry over the forecast period.

Automotive segment held a significant share of over 10% in 2015. The industry is expected to grow at a CAGR of around 12% from 2016 to 2024. Growing use of RFID tags in the automotive industry to improve the production efficiency is expected to drive the demand over the forecast period. Also, rising use of RFID tags in the automotive industry for asset tracking and supply chain management is expected to propel the industry growth.

Asia Pacific accounted for a significant share of over 11% in 2015. The ready availability of raw materials coupled with cheaper manufacturing costs is expected to drive the growth. The region is also projected to witness growth of over 14% from 2016 to 2024.

The industry is moderately fragmented with the presence of a large number of prominent participants across the globe. Some leading companies operating in the global market include 3M, BASF, Du Pont, Avery Dennison Corp., Amcor Limited, Sealed Air Corporation and International Paper. 3M is an American company involved in product development, manufacturing, and marketing for businesses including industrial, safety & graphics, electronics & energy, healthcare, and consumer. The company manufactures a wide range of products which includes abrasives, maintenance, automotive, materials, films, hand hygiene, home improvement, components, patient monitoring, personal safety, signs & displays, filtration, surgical solutions, wire & cable and tapes & adhesives.



Contents

CHAPTER 1. METHODOLOGY AND SCOPE

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

CHAPTER 2. EXECUTIVE SUMMARY

2.1. Smart packaging Market - Industry Summary and Key Buying Criteria, 2013 - 2024

CHAPTER 3. SMART PACKAGING INDUSTRY OUTLOOK

- 3.1. Smart packaging market segmentation
- 3.2. Smart packaging market size and growth prospects, 2013 2024
- 3.3. Smart packaging market Value chain analysis
- 3.3.1. Vendor landscape
- 3.4. Raw material outlook, 2013 2024
- 3.5. Technology overview
- 3.6. Regulatory framework
- 3.7. Smart packaging market dynamics
 - 3.7.1. Market driver analysis
 - 3.7.2. Market restraint analysis
- 3.8. Key market opportunities Prioritized
- 3.9. Smart packaging Porter's analysis
- 3.10. Smart packaging competitive scenario, 2015
- 3.11. Smart packaging market PESTEL analysis, 2015

CHAPTER 4. SMART PACKAGING PRODUCT OUTLOOK

- 4.1. Global smart packaging market share by material, 2015 & 2024
- 4.2. Active Packaging
 - 4.2.1. Market estimates and forecast, 2013 2024
 - 4.2.2. Market estimates and forecast, by region, 2013 2024
 - 4.2.3. Gas Scavenger
 - 4.2.3.1. Market estimates and forecast, 2013 2024
 - 4.2.3.2. Market estimates and forecast, by region, 2013 2024
 - 4.2.4. Corrosion Control Packaging



4.2.4.1. Market estimates and forecast, 2013 - 2024 4.2.4.2. Market estimates and forecast, by region, 2013 - 2024 4.2.5. Moisture Control Packaging 4.2.5.1. Market estimates and forecast, 2013 - 2024 4.2.5.2. Market estimates and forecast, by region, 2013 - 2024 4.3. Intelligent Packaging 4.3.1. Market estimates and forecast, 2013 - 2024 4.3.2. Market estimates and forecast, by region, 2013 - 2024 4.3.3. Time Temperature Indicator 4.3.3.1. Market estimates and forecast, 2013 - 2024 4.3.3.2. Market estimates and forecast, by region, 2013 - 2024 4.3.4. Gas Indicator 4.3.4.1. Market estimates and forecast, 2013 - 2024 4.3.4.2. Market estimates and forecast, by region, 2013 - 2024 4.3.5. Thermochromic Ink 4.3.5.1. Market estimates and forecast, 2013 - 2024 4.3.5.2. Market estimates and forecast, by region, 2013 - 2024 4.3.6. RFID & Barcode 4.3.6.1. Market estimates and forecast, 2013 - 2024 4.3.6.2. Market estimates and forecast, by region, 2013 - 2024 4.3.7. NFC 4.3.7.1. Market estimates and forecast, 2013 - 2024

4.3.7.2. Market estimates and forecast, by region, 2013 - 2024

CHAPTER 5. SMART PACKAGING APPLICATION OUTLOOK

5.1. Global smart packaging market share by application, 2015& 2024

- 5.2. Food & Beverage
 - 5.2.1. Market estimates and forecast, 2013 2024
- 5.2.2. Market estimates and forecast, by region, 2013 2024
- 5.3. Healthcare
 - 5.3.1. Market estimates and forecast, 2013 2024
 - 5.3.2. Market estimates and forecast, by region, 2013 2024
- 5.4. Personal Care
 - 5.4.1. Market estimates and forecast, 2013 2024
 - 5.4.2. Market estimates and forecast, by region, 2013 2024
- 5.5. Automotive
 - 5.5.1. Market estimates and forecast, 2013 2024
 - 5.5.2. Market estimates and forecast, by region, 2013 2024



5.6. Others

- 5.6.1. Market estimates and forecast, 2013 2024
- 5.6.2. Market estimates and forecast, by region, 2013 2024

CHAPTER 6. SMART PACKAGING REGIONAL OUTLOOK

- 6.1. Global smart packaging market share, by region, 2015& 2024
- 6.2. North America
 - 6.2.1. Market estimates and forecast, 2013 2024
 - 6.2.2. Market estimates and forecast by product, 2013 2024
 - 6.2.3. Market estimates and forecast by application, 2013 2024 6.2.4. U.S.
 - 6.2.4.1. Market estimates and forecast, 2013 2024
 - 6.2.4.2. Market estimates and forecast by product, 2013 2024
 - 6.2.4.3. Market estimates and forecast by application, 2013 2024

6.3. Europe

- 6.3.1. Market estimates and forecast, 2013 2024
- 6.3.2. Market estimates and forecast by product, 2013 2024
- 6.3.3. Market estimates and forecast by application, 2013 2024
- 6.3.4. Germany
- 6.3.4.1. Market estimates and forecast, 2013 2024
- 6.3.4.2. Market estimates and forecast by product, 2013 2024
- 6.3.4.3. Market estimates and forecast by application, 2013 2024
- 6.4. Asia Pacific
 - 6.4.1. Market estimates and forecast, 2013 2024
 - 6.4.2. Market estimates and forecast by product, 2013 2024
 - 6.4.3. Market estimates and forecast by application, 2013 2024
 - 6.4.4. China
 - 6.4.4.1. Market estimates and forecast, 2013 2024
 - 6.4.4.2. Market estimates and forecast by product, 2013 2024
 - 6.4.4.3. Market estimates and forecast by application, 2013 2024

6.5. Latin America

- 6.5.1. Market estimates and forecast, 2013 2024
- 6.5.2. Market estimates and forecast by product, 2013 2024
- 6.5.3. Market estimates and forecast by application, 2013 2024
- 6.5.4. Brazil
- 6.5.4.1. Market estimates and forecast, 2013 2024
- 6.5.4.2. Market estimates and forecast by product, 2013 2024
- 6.5.4.3. Market estimates and forecast by application, 2013 2024



6.6. MEA

- 6.6.1. Market estimates and forecast, 2013 2024
- 6.6.2. Market estimates and forecast by product, 2013 2024
- 6.6.3. Market estimates and forecast by application, 2013 2024

CHAPTER 7. COMPETITIVE LANDSCAPE

- 7.1. 3M
 - 7.1.1. Company Overview
 - 7.1.2. Financial Performance
 - 7.1.3. Product Benchmarking
 - 7.1.4. Strategic Initiatives
- 7.2. BASF
 - 7.2.1. Company Overview
 - 7.2.2. Financial Performance
 - 7.2.3. Product Benchmarking
 - 7.2.4. Strategic Initiatives
- 7.3. Du Pont
 - 7.3.1. Company Overview
 - 7.3.2. Financial Performance
 - 7.3.3. Product Benchmarking
 - 7.3.4. Strategic Initiatives
- 7.4. Avery Dennison Corp.
 - 7.4.1. Company Overview
 - 7.4.2. Financial Performance
 - 7.4.3. Product Benchmarking
 - 7.4.4. Strategic Initiatives
- 7.5. Amcor Limited
 - 7.5.1. Company Overview
 - 7.5.2. Financial Performance
 - 7.5.3. Product Benchmarking
- 7.5.4. Strategic Initiatives
- 7.6. Sealed Air Corporation
- 7.6.1. Company Overview
- 7.6.2. Financial Performance
- 7.6.3. Product Benchmarking
- 7.6.4. Strategic Initiatives
- 7.7. International Paper
- 7.7.1. Company Overview



- 7.7.2. Financial Performance
- 7.7.3. Product Benchmarking
- 7.7.4. Strategic Initiatives
- 7.8. Thin Film Electronics ASA
 - 7.8.1. Company Overview
 - 7.8.2. Financial Performance
 - 7.8.3. Product Benchmarking
 - 7.8.4. Strategic Initiatives
- 7.9. Huhtamaki Group
 - 7.9.1. Company Overview
 - 7.9.2. Financial Performance
 - 7.9.3. Product Benchmarking
 - 7.9.4. Strategic Initiatives
- 7.10. Smartrac N.V.
 - 7.10.1. Company Overview
 - 7.10.2. Financial Performance
 - 7.10.3. Product Benchmarking
 - 7.10.4. Strategic Initiatives



List Of Tables

LIST OF TABLES

- 1. Smart packaging Industry Summary & Key Buying Criteria
- 2. Global smart packaging market estimates and forecast, 2013 2024 (USD Million)
- 3. Global smart packaging market revenue, by region, 2013 2024 (USD Million)
- 4. Global smart packaging market revenue, by product, 2013 2024 (USD Million)
- 5. Global smart packaging market revenue, by application, 2013 2024 (USD Million)
- 6. Vendor landscape
- 7. Smart packaging- Key market driver analysis
- 8. Smart packaging- Key market restraint analysis
- 9. Global active packaging market estimates and forecast , 2013 2024 (USD Million)

10. Global intelligent packaging market estimates and forecast , 2013 - 2024 (USD Million)

11. Global smart packaging market estimates and forecast for food & beverege, 2013 - 2024 (USD Million)

12. Global Smart packaging market estimates and forecast for food & beverage, by region, 2013 - 2024 (USD Million)

13. Global smart packaging market estimates and forecast for healthcare, by region, 2013 - 2024 (USD Million)

14. Global smart packaging market estimates and forecast for healthcare, 2013 - 2024,(USD Million)

15. Global smart packaging market estimates and forecast for personal care, by region, 2013 - 2024 (USD Million)

16. Global smart packaging market estimates and forecast for personal care, by region, 2013 - 2024 (USD Million)

17. Global smart packaging market estimates and forecast for automotive, 2013 - 2024 (USD Million)

18. Global smart packaging market estimates and forecast for automotive, by region,2013 - 2024 (USD Million)

19. Global smart packaging market estimates and forecast for others, 2013 - 2024, (USD Million)

20. Global smart packaging market estimates and forecast for others, by region, 2013 - 2024 (USD Million)

21. North America smart packaging market revenue, 2013 - 2024 (USD Million)

22. North America smart packaging market revenue, by product, 2013 - 2024 (USD

23. North America smart packaging market revenue, by application, 2013 - 2024 (USD Million)



24. U.S.smart packaging market revenue, 2013 - 2024 (USD Million)
25. U.S.smart packaging market revenue, by product, 2013 - 2024 (USD Million)
26. U.S.smart packaging market revenue, by application, 2013 - 2024 (USD Million)

27. Europe smart packaging market revenue, 2013 - 2024 (USD Million)

28. Europe smart packaging market revenue, by product, 2013 - 2024 (USD Million)

29. Europe smart packaging market revenue, by application, 2013 - 2024 (USD Million)

30. Germany smart packaging market revenue, 2013 - 2024 (USD Million)

31. Germany smart packaging market revenue, by product, 2013 - 2024 (USD Million)

32. Germany smart packaging market revenue, by application, 2013 - 2024 (USD Million)

33. UK smart packaging market revenue, 2013 - 2024 (USD Million)

34. UK smart packaging market revenue, by product, 2013 - 2024 (USD Million)

35. UK smart packaging market revenue, by application, 2013 - 2024 (USD Million)

36. Asia Pacific smart packaging market revenue, 2013 - 2024 (USD Million)

37. Asia Pacific smart packaging market revenue, by product, 2013 - 2024 (USD Million)

38. Asia Pacific smart packaging market revenue, by application, 2013 - 2024 (USD Million)

39. China smart packaging market revenue, 2013 - 2024 (USD Million)

40. China smart packaging market revenue, by product, 2013 - 2024 (USD Million)

41. China smart packaging market revenue, by application, 2013 - 2024 (USD Million)

42. India smart packaging market revenue, 2013 - 2024 (USD Million)

43. India smart packaging market revenue, by product, 2013 - 2024 (USD Million)

44. Indiasmart packaging market revenue, by application, 2013 - 2024 (USD Million)

45. Latin America smart packaging market revenue, 2013 - 2024 (USD Million)

46. Latin America smart packaging market revenue, by product, 2013 - 2024 (USD Million)

47. Latin America smart packaging market revenue, by application, 2013 - 2024 (USD Million)

48. Brazil smart packaging market revenue, 2013 - 2024 (USD Million)

49. Brazil smart packaging market revenue, by product, 2013 - 2024 (USD Million)

50. Brazil smart packaging market revenue, by application, 2013 - 2024 (USD Million)

51. MEA smart packaging market revenue, 2013 - 2024 (USD Million)

52. MEA smart packaging market revenue, by product, 2013 - 2024 (USD Million)

53. MEA smart packaging market revenue, by application, 2013 - 2024 (USD Million)



List Of Figures

LIST OF FIGURES

- 1. Smart packaging market segmentation
- 2. Global Smart packaging market revenue, 2013 2024 (USD Million)
- 3. Smart packaging market- Value chain analysis
- 4. Smart packaging market dynamics
- 5. Smart packaging Key opportunities prioritized
- 6. Smart packaging Porter's analysis
- 7. Smart packaging market PESTEL analysis
- 8. Global Smart packaging market revenue share, by product, 2015 & 2024
- 9. Global Smart packaging market revenue share, by application, 2015 & 2024
- 10. Global Smart packaging market revenue share, by region, 2015 & 2024



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