Aerospace Foams - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Aerospace Foams in US$ Million. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, and Rest of World.

Annual estimates and forecasts are provided for the period 2015 through 2022. Also, a six-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 37 companies including many key and niche players such as -

- Armacell International S.A
- BASF SE
- Benien Aerospace GmbH
- Boyd Corporation
- ERG Materials and Aerospace Corp.

Contents:

AEROSPACE FOAMS

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
- Study Reliability and Reporting Limitations
- Disclaimers
- Data Interpretation & Reporting Level
- Quantitative Techniques & Analytics
- Product Definition and Scope of Study

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
- Foams: A Versatile & Important Engineering Material
- The Aerospace & Defence Industry Walks the Tight Rope Balancing Growth Against Weak Global Economy & Allied Sectorial Challenges
- Table 1: With YoY Gains Trending Lower than Real GDP Growth, the World Aerospace & Defence Industry Walks the Tight Rope: Breakdown of World A&D Industry Growth & Revenues (In US$ Billion) and % Real GDP Growth for the Years 2012 Through 2016 (includes corresponding Graph/Chart)
- Opportunities for Aerospace Foams in Aircraft Manufacturing Get a Massive Boost From Large Order Backlogs
- Table 2: Large Order Backlogs Keeps the Aircraft Assembly Line Busy, Spurring Robust Gains for Aerospace Foam Despite the Largely Mixed Bag Outlook & The Taut Business Climate in the A&D Industry: Boeing Aircraft Gross Orders, Deliveries & Unfilled Orders (In Units) for the Years 2011 Through 2015 (includes corresponding Graph/Chart)
- Table 3: Steady Gains in Aircraft Deliveries Fuels Opportunities for Aerospace Foam in Aircraft Production: World Aircraft Deliveries (In Units) for the Years 2013, 2016, 2020, 2032 (includes corresponding Graph/Chart)
- Key Noteworthy Market Trends, Drivers & Issues
- Stable Commercial Aviation Sub-Sector Presents Opportunities Across the Aircraft Manufacturing Supply Chain
- Table 4: Projected Growth in Commercial Air Passenger Traffic Bodes Well for New Aircraft Manufacturing & Its Allied Markets in the Supply Chain: World Air Passenger Traffic (In Billion) for the Years 2012 through 2015 & Projections for 2034 (includes corresponding Graph/Chart)
- Table 5: Rising Passenger Traffic as Measured by Revenue Passenger Kilometers (RPKs) in Billion for the Years 2011, 2013E, 2015P & 2030P (includes corresponding Graph/Chart)
- A Peek Into Secondary Market Forces in the Commercial Aviation Sub-Sector Supporting the Business Climate for Aerospace Foams
- Growing Number of Low Cost Carriers Spur Demand for New Low-Margin Aircraft
Table 6: Low Cost Carriers (LCCs) Fly High on Low Fares & Open Up Opportunities in Small Aircraft Manufacturing, Establishing a Favorable Business Climate for Aerospace Foams: LCC Penetration (In %) in Select Region/ Country for the Year 2015 (includes corresponding Graph/Chart)

Population Explosion, Emerging Middle Class & Urbanization: The Megatrends Driving Air Travel

Table 7: Global Population Estimates (in Billion): 2000-2050P (includes corresponding Graph/Chart)

Table 8: Global Middle Class Population (in Million) by Geographic Region: 2010, 2020P & 2030P (includes corresponding Graph/Chart)

Table 9: Percentage of Urban Population in Select Countries (2014 & 2050) (includes corresponding Graph/Chart)

Continuing Quest for Quieter Cabins Fuels Interest in High Performance Aerospace Foams

Focus on Aircraft Cabin Retrofits to Differentiate the Airline Brand Image Spurs Opportunities in the Aftermarket

Fast-Growing UAV Market Spurs Demand for Advanced Aerospace Grade Foams

Growth in High Net Worth Individuals Bodes Well for Sales of Private Jets & Volume Consumption of Aerospace Foam

Foam Insulation Assumes Critical Importance in Luxury Jets

Expected Growth in High Net Worth Individuals (HNWIs): A Critical Driver for Jet Planes

Table 10: Rising Number of HNWIs Bodes Well for Sales of Jet Planes: Global Breakdown of HNWI Investable Wealth (In US$ Trillion) for the Years 2013, 2014, 2015 & 2016 (includes corresponding Graph/Chart)

Rise in Jet Planes to Strengthen Opportunities for Aerospace Foam

Table 11: Cumulative Business Jet Deliveries to Reach 9,185 Units Between the 2015-2024 Period & Strengthen the Market for Aerospace Foam in the Jet Planes Manufacturing Sub-Sector: Cumulative Number of Business Jet Deliveries (In Units) by Geographic Region Between the Years 2015-2024 (includes corresponding Graph/Chart)

Table 12: Breakdown of Cumulative Business Jet Deliveries in Units & Value in USD Billion for Large Jets, Light Jets, and Medium Jets Between the Period (2015-2024) (includes corresponding Graph/Chart)

Declining Defence Spends Impacts Opportunities for Aerospace Foam in Military Aircraft

Table 13: Projected Decline in the World’s Largest Country for Military Aircraft PARC Dampens Long-Term Market Sentiment for Aerospace Foams in the Production of Military Aircraft: Breakdown of U.S. Military Aircraft Inventory (In Units) by Type for the Years 2015 & 2024 (includes corresponding Graph/Chart)

Table 14: The U.S. Leads the Global Military Aircraft Fleet: Percentage Breakdown of Active Military Aircraft Fleet by Country for the Year 2015 (includes corresponding Graph/Chart)

Plummeting Oil Prices & Increased Risk of New Order Declines Create Long-Term Challenges for Aerospace Foam in the Aircraft OEM Market

Table 15: Falling Jet Fuel Prices to Change New Aircraft Demand Dynamics Over the Long-Term and Fuel Challenges for Aerospace Foam in the OEM Aircraft Market: World Prices of Jet Fuel (In US$ Per Gallon) for the Years 2012, 2013, 2014, 2015, and Feb 2016 (includes corresponding Graph/Chart)

Stringent Emission Regulations Promises to Partially Offset the Risk of Decline in New Orders Posed by Falling Fuel Prices

Weak Growth in World Trade & Slowdown in China Temper Short-Term Outlook for Freighter Aircraft

Table 16: Looking Beyond the Short-Term Challenges in Growth, Projected Long-Term Additions to Air Freighter Fleets Bodes Well for Aerospace Foams in Upstream Production Activities: Breakdown of Growth (In %) in World Cargo Traffic for the Period 1993-2003, 2003-2015 & 2016-2033 (includes corresponding Graph/Chart)

Table 17: Projected Increase in Freighter Fleets Worldwide (In Units) by Type for the Years 2013 and 2033 (includes corresponding Graph/Chart)

Developing Economies: The Focal Point for Future Growth Market Outlook

2. PRODUCT OVERVIEW

Aerospace Foams

Types of Foams

Polyurethane Foam

Types of Polyurethane Foam

Properties and Applications of Polyurethane Foams

Melamine Foam

Aerospace Applications of Melamine Foam

Metal Foams

Characteristics and Properties of Metal Foams

Pros and Cons of Metal Foams:

Classification of Metal Foams

Aluminum Foam

Copper Foam
3. PRODUCT INTRODUCTIONS
Solvay Introduces Tegracore PSU Foam Structures
General Plastics to Unveil LAST-A-FOAM FR-3800 Foam
Evonik to Display ROHACELL Triple F Foam
Solvay Specialty Polymers to Showcase TegraCore Structural Foam
Solvay to Exhibit Radel PSU Foam
General Plastics Manufacturing to Introduce FR-4600 Microcell Foam Series

4. RECENT INDUSTRY ACTIVITY
Boyd Corporation Purchases Evonik Industries Solimide Foam Business
Snow Phipps Group Divests Boyd Corporation
Rogers Corporation's High Performance Foams Division Renamed as Elastomeric Material Solutions
FoamPartner Takes Over Benien
SABIC Collaborates with UDRI for Developing ULTEM XP060 Foam

5. FOCUS ON SELECT PLAYERS
Armacell International S.A. (Germany)
BASF SE (Germany)
Benien Aerospace Gmbh (Germany)
Boyd Corporation (USA)
ERG Materials and Aerospace Corp. (USA)
Evonik Industries AG (Germany)
General Plastics Manufacturing Company (USA)
Rogers Corporation (USA)
SABIC Innovative Plastics Holding BV (Netherlands)
UFP Technologies, Inc. (USA)
Zotefoams Plc (UK)

6. GLOBAL MARKET PERSPECTIVE
Table 18: World Recent Past, Current & Future Analysis for Aerospace Foams by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, and Rest of World Markets Independently Analyzed with Annual
Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 19: World Historic Review for Aerospace Foams by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, and Rest of World Markets Independently Analyzed with Annual
Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 20: World 14-Year Perspective for Aerospace Foams by Geographic Region
Percentage Share Breakdown of Dollar Revenues for US, Canada, Japan, Europe, Asia-Pacific, and Rest of
World Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES
   A. Market Analysis
   Current and Future Analysis
   The United States
   A Major Market for Aerospace Foams
   Product Introductions
   Strategic Corporate Developments
   Select Key Players
   B. Market Analytics
   Table 21: US Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual
   Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
   Table 22: US Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$
   Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

2. CANADA
   A. Market Analysis
   Current and Future Analysis
   B. Market Analytics
   Table 23: Canadian Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with
   Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 24: Canadian Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

3. JAPAN
A. Market Analysis
   Current and Future Analysis
B. Market Analytics
Table 25: Japanese Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 26: Japanese Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4. EUROPE
A. Market Analysis
   Current and Future Analysis
New Aircraft Purchases of European Commercial Airlines to Remain Strong
B. Market Analytics
Table 27: European Recent Past, Current & Future Analysis for Aerospace Foams by Geographic Region France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 28: European Historic Review for Aerospace Foams by Geographic Region France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 29: European 14-Year Perspective for Aerospace Foams by Geographic Region Percentage Share Breakdown of Dollar Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

4a. France
A. Market Analysis
   Current and Future Analysis
   Product Introduction
B. Market Analytics
Table 30: French Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 31: French Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4b. Germany
A. Market Analysis
   Current and Future Analysis
   Product Introduction
   Select Key Players
B. Market Analytics
Table 32: German Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 33: German Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4c. Italy
A. Market Analysis
   Current and Future Analysis
B. Market Analytics
Table 34: Italian Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 35: Italian Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4d. The United Kingdom
A. Market Analysis
   Current and Future Analysis
   Select Key Player
B. Market Analytics
Table 36: UK Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual
Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 37: UK Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4e. Spain
A. Market Analysis
Current and Future Analysis
B. Market Analytics
Table 38: Spanish Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 39: Spanish Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4f. Russia
A. Market Analysis
Current and Future Analysis
B. Market Analytics
Table 40: Russian Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 41: Russian Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4g. Rest of Europe
A. Market Analysis
Current and Future Analysis
Strategic Corporate Development
Select Key Player
B. Market Analytics
Table 42: Rest of Europe Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 43: Rest of Europe Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC
A. Market Analysis
Current and Future Analysis
Booming Commercial Aviation Sector Offers Plenty of Opportunities Aerospace Foams Vendors
B. Market Analytics
Table 44: Asia-Pacific Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 45: Asia-Pacific Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 46: Asia-Pacific 14-Year Perspective for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2022 (includes corresponding Graph/Chart)
Table 47: Percentage Share Breakdown of Dollar Revenues for China, and Rest of Asia-Pacific Markets for Years 2009, 2016 and 2022 (includes corresponding Graph/Chart)

5a. China
A. Market Analysis
Current and Future Analysis
China to Dominate the Global Commercial Aircraft Market
Product Introduction
B. Market Analytics
Table 47: Chinese Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 48: Chinese Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

5b. Rest of Asia-Pacific
A. Market Analysis
Current and Future Analysis
Robust Commercial Aviation Sector Creates Opportunities for Aerospace Foams
B. Market Analytics
Table 49: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 50: Rest of Asia-Pacific Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

6. REST OF WORLD
A. Market Analysis
Current and Future Analysis
Buoyant Commercial Airlines Market to Spur Demand for Aircraft, Aerospace Foams
B. Market Analytics
Table 51: Rest of World Recent Past, Current & Future Analysis for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 52: Rest of World Historic Review for Aerospace Foams Market Analyzed with Annual Revenue Figures in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE
Total Companies Profiled: 37 (including Divisions/Subsidiaries 41)
The United States (17)
Japan (1)
Europe (20)
- Germany (4)
- The United Kingdom (7)
- Italy (1)
- Rest of Europe (8)
Asia-Pacific (Excluding Japan) (3)

Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Aerospace Foams - Global Strategic Business Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/3726986/">http://www.researchandmarkets.com/reports/3726986/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SCBRKKYK</td>
</tr>
</tbody>
</table>

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 4500</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6300</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users:</td>
<td>USD 8550</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users:</td>
<td>USD 10800</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>Sort code</th>
<th>Swift code</th>
<th>IBAN number</th>
<th>Bank Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>833 130 83</td>
<td>98-53-30</td>
<td>ULSBIE2D</td>
<td>IE78ULSB98533083313083</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: __________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World