Global Silver- and Gold-based Brazing Materials Market 2016-2020

Description: About Silver- and Gold-Based Brazing Materials

Brazing is the joining two or more metals by filling a molten filler metal, or a brazing alloy. The melting point of these alloys is usually above 840°F and below the melting temperature of the base metals that are to be joined.

The base metals are heated to temperatures slightly above the liquidus temperature (temperature above which the metal liquidifies) of the filler metal. The filler metal is then placed marginally in the region that has to be joined. The liquefied filler material is permitted to penetrate the joints of the base metals by capillary action. Once solidified, the filler metal bonds the surfaces of the base metals through atomic attraction and fusion.

Brazing is usually performed in controlled atmospheric conditions (in a vacuum furnace). Flux is used to prevent the oxidation of metals during brazing. Silver- and gold-based alloys are used for many brazing procedures.

The analysts forecast the global silver- and gold-based brazing materials market to grow at a CAGR of 3.11% during the period 2016-2020.

Covered in this report
The report covers the present scenario and the growth prospects of the global silver- and gold-based brazing materials market for 2016-2020.

The market is divided into the following segments based on geography:
- Americas
- APAC
- EMEA

The report, Global Silver- and Gold-Based Brazing Materials Market 2016-2020, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Key vendors
- Johnson Matthey
- Lucas-Milhaupt
- Morgan Advanced Materials.

Other prominent vendors
- Aimtek
- Bellman-Melcor
- Harris Products
- Indian Solder and Braze Alloys
- LINBRAZE
- Materion
- Metalli
- Pietro Galliani Brazing
- Prince & Izant
- Saru Silver Alloy
- Sentes-BIR
- STELLA
- Umicore
- VBC
- Voestalpine Böhler Welding
- Wieland-Edelmetalle.
Market drivers
- Rise in demand from HVAC&R segment
- For a full, detailed list, view the full report

Market challenges
- Fluctuating costs of raw materials
- For a full, detailed list, view the full report

Market trends
- Increase in demand from emerging economies
- For a full, detailed list, view the full report

Key questions answered in this report
- What will the market size be in 2020 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

You can request one free hour of our analyst's time when you purchase this market report. Details are provided within the report.

Contents:
PART 01: Executive summary
- Highlights

PART 02: Scope of the report
- Market overview
- Product offerings

PART 03: Market research methodology
- Research methodology
- Economic indicators

PART 04: Introduction
- Key market highlights
- Overview
- Brazing methods
- Process of brazing
- Difference between brazing, soldering, and welding

PART 05: Market landscape
- Global silver- and gold-based brazing materials market

PART 06: Market segmentation by type
- Segmentation of global silver- and gold-based brazing materials market by type
- Global silver-based brazing materials market
- Global gold-based brazing materials market

PART 07: Market segmentation by application
- Segmentation of global silver-based brazing materials market by application
- Segmentation of global silver-based brazing materials market by application
- Segmentation of gold-based brazing materials by application
- Segmentation of gold-based brazing materials by application

PART 08: Geographical segmentation
- Segmentation of global silver- and gold-based brazing materials market by geography
- Silver- and gold-based brazing materials market in EMEA
- Silver- and gold-based brazing materials market in Americas
- Silver- and gold-based brazing materials market in APAC
PART 09: Market drivers
- Rise in demand from HVAC&R segment
- Advantages over other joining processes
- Product differentiation
- Increase in demand from medical and aerospace industries

PART 10: Impact of drivers

PART 11: Market challenges
- Fluctuating costs of raw materials
- Competition from welding
- Health hazards of selected brazing materials
- Substitution and customization

PART 12: Impact of drivers and challenges

PART 13: Market trends
- Increase in demand from emerging economies
- Rise in demand for stainless steel brazing materials
- Introduction of products with low silver content

PART 14: Vendor landscape
- Competitive scenario
- Market vendors ranking 2015
- Applications catered to by vendors
- Other prominent vendors
- Lucas-Milhaupt
- Johnson Matthey
- Morgan Advanced Materials

PART 15: Appendix
- List of abbreviations

PART 16: About the Author
Exhibit 27: Market for gold-based brazing materials in others segment 2015-2020 ($ millions)
Exhibit 28: Segmentation of global silver- and gold-based brazing materials market by geography 2015
Exhibit 29: Segmentation of global silver- and gold-based brazing materials market by geography 2020
Exhibit 30: Comparison of CAGR (%), revenue ($ millions), and market share (%) 2015
Exhibit 31: Silver-and gold-based brazing materials market in EMEA 2015-2020 ($ millions)
Exhibit 32: Silver- and gold-based brazing materials market in Americas 2015-2020 ($ millions)
Exhibit 33: Silver- and gold-based brazing materials market in APAC 2015-2020 ($ millions)
Exhibit 34: Impact of drivers
Exhibit 35: Risk management strategies for fluctuating prices of silver and gold
Exhibit 36: Impact of drivers and challenges
Exhibit 37: Stainless steel brazing: Brazing alloy composition
Exhibit 38: Rankings of key market vendors
Exhibit 39: Applications catered to by key market vendors
Exhibit 40: Lucas-Milhaupt: Product segmentation
Exhibit 41: Johnson Matthey: Business segmentation
Exhibit 42: Johnson Matthey: Segmentation of business by revenue 2015
Exhibit 43: Johnson Matthey: Segmentation of business by revenue 2014 and 2015 ($ millions)
Exhibit 44: Johnson Matthey: Segmentation of revenue by geography 2015
Exhibit 45: Morgan Advanced Materials: Product segmentation
Exhibit 46: Morgan Advanced Materials: Business segmentation by revenue 2014
Exhibit 47: Morgan Advanced Materials: Segmentation of revenue by end market 2014


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.

Product Name: Global Silver- and Gold-based Brazing Materials Market 2016-2020
Web Address: http://www.researchandmarkets.com/reports/3633344/
Office Code: SCBRZ7SO

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

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 2500</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 3000</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td></td>
<td>USD 4000</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td></td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ____________________________________________ Last Name: ____________________________________________
Email Address: * _______________________________________
Job Title: ____________________________________________
Organisation: _________________________________________
Address: _____________________________________________
City: ________________________________________________
Postal / Zip Code: ____________________________________
Country: _____________________________________________
Phone Number: _______________________________________
Fax Number: _________________________________________

* 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>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</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