

Mesoporous Silica Market Forecasts to 2028 – Global Analysis By Product (SBA Series, MCM Series), Application (Biosensors, Catalysis) and By Geography

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Abstracts

According to Statistics MRC, the Global Mesoporous Silica Market is accounted for \$154.24 million in 2020 and is expected to reach \$373.78 million by 2028 growing at a CAGR of 11.7% during the forecast period. Rising product penetration in different industries, biocompatibility attributes of silica, and its wide usage in cancer treatment are driving the market growth. However, an inadequate amount of awareness is hampering the growth of the market.

Mesoporous silica refers to silica nanoparticles comprising honeycomb-like structures with large empty channels, or mesopores, to trap bioactive molecules. They exhibit high colloidal stability and biocompatibility, which are beneficial for efficient drug loading, delivery, and sustained release because of their unique properties like extremely high specific surface areas, ordered pore structures.

Based on the product, the santa barbara amorphous (SBA) series segment is going to have lucrative growth during the forecast period owing to its growing product invasion in the pharmaceutical sector and increasing developments for its by-product materials broadens its application on account of its favorable properties such as enhanced thermochemical stability.

By geography, Asia Pacific is going to have high growth during the forecast period owing to the increasing expenditure on wastewater treatment and in the pharmaceutical industry. China is the most growing country in the region due to rapid modernization and convenient chemical and pharmaceutical sectors outlooks.

Some of the key players profiled in the Mesoporous Silica Market include Merck KGaA,

ACS Material LLC, American Elements, AGC Chemicals Americas, Inc., Nanocomposix, Inc., Glantreo Ltd., Taiyo International, W.R.Grace, Mitsubishi Chemical Corporation, Mknano and XFNANO.

Products Covered:

SBA (Santa Barbara Amorphous) Series

MCM (Mobil Composition of Matter) Series

Applications Covered:

Biosensors

Catalysis

Environmental Protection

Drug Delivery

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 Emerging Markets
- 3.9 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL MESOPOROUS SILICA MARKET, BY PRODUCT

- 5.1 Introduction
- 5.2 SBA (Santa Barbara Amorphous) Series
- 5.3 MCM (Mobil Composition of Matter) Series

6 GLOBAL MESOPOROUS SILICA MARKET, BY APPLICATION

- 6.1 Introduction
- 6.2 Biosensors
- 6.3 Catalysis
- 6.4 Environmental Protection
- 6.5 Drug Delivery

7 GLOBAL MESOPOROUS SILICA MARKET, BY GEOGRAPHY

- 7.1 Introduction
- 7.2 North America
 - 7.2.1 US
 - 7.2.2 Canada
 - 7.2.3 Mexico
- 7.3 Europe
 - 7.3.1 Germany
 - 7.3.2 UK
 - 7.3.3 Italy
 - 7.3.4 France
 - 7.3.5 Spain
 - 7.3.6 Rest of Europe
- 7.4 Asia Pacific
 - 7.4.1 Japan
 - 7.4.2 China
 - 7.4.3 India
 - 7.4.4 Australia
 - 7.4.5 New Zealand
 - 7.4.6 South Korea
 - 7.4.7 Rest of Asia Pacific
- 7.5 South America
 - 7.5.1 Argentina
 - 7.5.2 Brazil

7.5.3 Chile

7.5.4 Rest of South America

7.6 Middle East & Africa

7.6.1 Saudi Arabia

7.6.2 UAE

7.6.3 Qatar

7.6.4 South Africa

7.6.5 Rest of Middle East & Africa

8 KEY DEVELOPMENTS

8.1 Agreements, Partnerships, Collaborations and Joint Ventures

8.2 Acquisitions & Mergers

8.3 New Product Launch

8.4 Expansions

8.5 Other Key Strategies

9 COMPANY PROFILING

9.1 Merck KGaA

9.2 ACS Material LLC

9.3 American Elements

9.4 AGC Chemicals Americas, Inc.

9.5 Nanocomposix, Inc.

9.6 Glantreo Ltd.

9.7 Taiyo International

9.8 W.R.Grace

9.9 Mitsubishi Chemical Corporation

9.10 Mknano

9.11 XFNANO

List Of Tables

LIST OF TABLES

- Table 1 Global Mesoporous Silica Market Outlook, By Region (2019-2028) (\$MN)
- Table 2 Global Mesoporous Silica Market Outlook, By Product (2019-2028) (\$MN)
- Table 3 Global Mesoporous Silica Market Outlook, By SBA (Santa Barbara Amorphous) Series (2019-2028) (\$MN)
- Table 4 Global Mesoporous Silica Market Outlook, By MCM (Mobil Composition of Matter) Series (2019-2028) (\$MN)
- Table 5 Global Mesoporous Silica Market Outlook, By Application (2019-2028) (\$MN)
- Table 6 Global Mesoporous Silica Market Outlook, By Biosensors (2019-2028) (\$MN)
- Table 7 Global Mesoporous Silica Market Outlook, By Catalysis (2019-2028) (\$MN)
- Table 8 Global Mesoporous Silica Market Outlook, By Environmental Protection (2019-2028) (\$MN)
- Table 9 Global Mesoporous Silica Market Outlook, By Drug Delivery (2019-2028) (\$MN)
- Table 10 North America Mesoporous Silica Market Outlook, By Country (2019-2028) (\$MN)
- Table 11 North America Mesoporous Silica Market Outlook, By Product (2019-2028) (\$MN)
- Table 12 North America Mesoporous Silica Market Outlook, By SBA (Santa Barbara Amorphous) Series (2019-2028) (\$MN)
- Table 13 North America Mesoporous Silica Market Outlook, By MCM (Mobil Composition of Matter) Series (2019-2028) (\$MN)
- Table 14 North America Mesoporous Silica Market Outlook, By Application (2019-2028) (\$MN)
- Table 15 North America Mesoporous Silica Market Outlook, By Biosensors (2019-2028) (\$MN)
- Table 16 North America Mesoporous Silica Market Outlook, By Catalysis (2019-2028) (\$MN)
- Table 17 North America Mesoporous Silica Market Outlook, By Environmental Protection (2019-2028) (\$MN)
- Table 18 North America Mesoporous Silica Market Outlook, By Drug Delivery (2019-2028) (\$MN)
- Table 19 Europe Mesoporous Silica Market Outlook, By Country (2019-2028) (\$MN)
- Table 20 Europe Mesoporous Silica Market Outlook, By Product (2019-2028) (\$MN)
- Table 21 Europe Mesoporous Silica Market Outlook, By SBA (Santa Barbara Amorphous) Series (2019-2028) (\$MN)
- Table 22 Europe Mesoporous Silica Market Outlook, By MCM (Mobil Composition of

Matter) Series (2019-2028) (\$MN)

Table 23 Europe Mesoporous Silica Market Outlook, By Application (2019-2028) (\$MN)

Table 24 Europe Mesoporous Silica Market Outlook, By Biosensors (2019-2028) (\$MN)

Table 25 Europe Mesoporous Silica Market Outlook, By Catalysis (2019-2028) (\$MN)

Table 26 Europe Mesoporous Silica Market Outlook, By Environmental Protection (2019-2028) (\$MN)

Table 27 Europe Mesoporous Silica Market Outlook, By Drug Delivery (2019-2028) (\$MN)

Table 28 Asia Pacific Mesoporous Silica Market Outlook, By Country (2019-2028) (\$MN)

Table 29 Asia Pacific Mesoporous Silica Market Outlook, By Product (2019-2028) (\$MN)

Table 30 Asia Pacific Mesoporous Silica Market Outlook, By SBA (Santa Barbara Amorphous) Series (2019-2028) (\$MN)

Table 31 Asia Pacific Mesoporous Silica Market Outlook, By MCM (Mobil Composition of Matter) Series (2019-2028) (\$MN)

Table 32 Asia Pacific Mesoporous Silica Market Outlook, By Application (2019-2028) (\$MN)

Table 33 Asia Pacific Mesoporous Silica Market Outlook, By Biosensors (2019-2028) (\$MN)

Table 34 Asia Pacific Mesoporous Silica Market Outlook, By Catalysis (2019-2028) (\$MN)

Table 35 Asia Pacific Mesoporous Silica Market Outlook, By Environmental Protection (2019-2028) (\$MN)

Table 36 Asia Pacific Mesoporous Silica Market Outlook, By Drug Delivery (2019-2028) (\$MN)

Table 37 South America Mesoporous Silica Market Outlook, By Country (2019-2028) (\$MN)

Table 38 South America Mesoporous Silica Market Outlook, By Product (2019-2028) (\$MN)

Table 39 South America Mesoporous Silica Market Outlook, By SBA (Santa Barbara Amorphous) Series (2019-2028) (\$MN)

Table 40 South America Mesoporous Silica Market Outlook, By MCM (Mobil Composition of Matter) Series (2019-2028) (\$MN)

Table 41 South America Mesoporous Silica Market Outlook, By Application (2019-2028) (\$MN)

Table 42 South America Mesoporous Silica Market Outlook, By Biosensors (2019-2028) (\$MN)

Table 43 South America Mesoporous Silica Market Outlook, By Catalysis (2019-2028)

(\$MN)

Table 44 South America Mesoporous Silica Market Outlook, By Environmental Protection (2019-2028) (\$MN)

Table 45 South America Mesoporous Silica Market Outlook, By Drug Delivery (2019-2028) (\$MN)

Table 46 Middle East & Africa Mesoporous Silica Market Outlook, By Country (2019-2028) (\$MN)

Table 47 Middle East & Africa Mesoporous Silica Market Outlook, By Product (2019-2028) (\$MN)

Table 48 Middle East & Africa Mesoporous Silica Market Outlook, By SBA (Santa Barbara Amorphous) Series (2019-2028) (\$MN)

Table 49 Middle East & Africa Mesoporous Silica Market Outlook, By MCM (Mobil Composition of Matter) Series (2019-2028) (\$MN)

Table 50 Middle East & Africa Mesoporous Silica Market Outlook, By Application (2019-2028) (\$MN)

Table 51 Middle East & Africa Mesoporous Silica Market Outlook, By Biosensors (2019-2028) (\$MN)

Table 52 Middle East & Africa Mesoporous Silica Market Outlook, By Catalysis (2019-2028) (\$MN)

Table 53 Middle East & Africa Mesoporous Silica Market Outlook, By Environmental Protection (2019-2028) (\$MN)

Table 54 Middle East & Africa Mesoporous Silica Market Outlook, By Drug Delivery (2019-2028) (\$MN)

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