

Global Silicon Monoxide Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

<https://marketpublishers.com/r/G7A4A2DEB429EN.html>

Date: April 2024

Pages: 131

Price: US\$ 4,250.00 (Single User License)

ID: G7A4A2DEB429EN

Abstracts

Silicon monoxide, SiO, is an amorphous solid which does not have a characteristic X-ray diffraction pattern. SiO is brown in powder or pressed form and black in granular or lump form. It is stable at room temperature, but at temperatures of 400-800°C, X-ray readings show traces of the disproportionation products silicon and quartz. SiO is a highly desirable coating material due to its high deposition rate and ease of evaporation using low cost resistance-heated coating systems. SiO is also noted for its excellent environmental stability.

According to APO Research, The global Silicon Monoxide market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The major manufacturers of silicon monoxide are Materion, Osaka Titanium Technologies, EMD Performance Materials (Merck), etc., with the top three accounting for about 40%.

Japan is the main market at about 30%, followed by China at about 25%.

This report presents an overview of global market for Silicon Monoxide, sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Silicon Monoxide, also provides the sales of main regions and countries. Of the upcoming market potential for Silicon Monoxide, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada,

Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Silicon Monoxide sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Silicon Monoxide market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Silicon Monoxide sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including OSAKA Titanium Technologies, Materion, EMD Electronics (Merck), Jayu Optical Material, Rearth Technology, Taizhou ATS Optical Material and Taiyuan Heng Xin Technology Industrial, etc.

Silicon Monoxide segment by Company

OSAKA Titanium Technologies

Materion

EMD Electronics (Merck)

Jayu Optical Material

Rearth Technology

Taizhou ATS Optical Material

Taiyuan Heng Xin Technology Industrial

Silicon Monoxide segment by Type

Powder

Granular

Bulk

Silicon Monoxide segment by Application

Coating Applications

Anode Material

Others

Silicon Monoxide segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global Silicon Monoxide status and future forecast, involving, sales, revenue, growth rate (CAGR), market share, historical and forecast.

2. To present the key manufacturers, sales, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions Silicon Monoxide market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify Silicon Monoxide significant trends, drivers, influence factors in global and regions.
6. To analyze Silicon Monoxide competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Silicon Monoxide market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Silicon Monoxide and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in sales and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception

concerning the adoption of Silicon Monoxide.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Silicon Monoxide market, including product definition, global market growth prospects, sales value, sales volume, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Silicon Monoxide industry.

Chapter 3: Detailed analysis of Silicon Monoxide manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Sales and value of Silicon Monoxide in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space, and market size of each country in the world.

Chapter 7: Sales and value of Silicon Monoxide in country level. It provides sigmate data by type, and by application for each country/region.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the

industry.

Chapter 10: Concluding Insights.

Chapter 10: Concluding Insights.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Silicon Monoxide Sales Value (2019-2030)
 - 1.2.2 Global Silicon Monoxide Sales Volume (2019-2030)
 - 1.2.3 Global Silicon Monoxide Sales Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 SILICON MONOXIDE MARKET DYNAMICS

- 2.1 Silicon Monoxide Industry Trends
- 2.2 Silicon Monoxide Industry Drivers
- 2.3 Silicon Monoxide Industry Opportunities and Challenges
- 2.4 Silicon Monoxide Industry Restraints

3 SILICON MONOXIDE MARKET BY COMPANY

- 3.1 Global Silicon Monoxide Company Revenue Ranking in 2023
- 3.2 Global Silicon Monoxide Revenue by Company (2019-2024)
- 3.3 Global Silicon Monoxide Sales Volume by Company (2019-2024)
- 3.4 Global Silicon Monoxide Average Price by Company (2019-2024)
- 3.5 Global Silicon Monoxide Company Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Silicon Monoxide Company Manufacturing Base & Headquarters
- 3.7 Global Silicon Monoxide Company, Product Type & Application
- 3.8 Global Silicon Monoxide Company Commercialization Time
- 3.9 Market Competitive Analysis
 - 3.9.1 Global Silicon Monoxide Market CR5 and HHI
 - 3.9.2 Global Top 5 and 10 Company Market Share by Revenue in 2023
 - 3.9.3 2023 Silicon Monoxide Tier 1, Tier 2, and Tier
- 3.10 Mergers & Acquisitions, Expansion

4 SILICON MONOXIDE MARKET BY TYPE

- 4.1 Silicon Monoxide Type Introduction
 - 4.1.1 Powder

- 4.1.2 Granular
- 4.1.3 Bulk
- 4.2 Global Silicon Monoxide Sales Volume by Type
 - 4.2.1 Global Silicon Monoxide Sales Volume by Type (2019 VS 2023 VS 2030)
 - 4.2.2 Global Silicon Monoxide Sales Volume by Type (2019-2030)
 - 4.2.3 Global Silicon Monoxide Sales Volume Share by Type (2019-2030)
- 4.3 Global Silicon Monoxide Sales Value by Type
 - 4.3.1 Global Silicon Monoxide Sales Value by Type (2019 VS 2023 VS 2030)
 - 4.3.2 Global Silicon Monoxide Sales Value by Type (2019-2030)
 - 4.3.3 Global Silicon Monoxide Sales Value Share by Type (2019-2030)

5 SILICON MONOXIDE MARKET BY APPLICATION

- 5.1 Silicon Monoxide Application Introduction
 - 5.1.1 Coating Applications
 - 5.1.2 Anode Material
 - 5.1.3 Others
- 5.2 Global Silicon Monoxide Sales Volume by Application
 - 5.2.1 Global Silicon Monoxide Sales Volume by Application (2019 VS 2023 VS 2030)
 - 5.2.2 Global Silicon Monoxide Sales Volume by Application (2019-2030)
 - 5.2.3 Global Silicon Monoxide Sales Volume Share by Application (2019-2030)
- 5.3 Global Silicon Monoxide Sales Value by Application
 - 5.3.1 Global Silicon Monoxide Sales Value by Application (2019 VS 2023 VS 2030)
 - 5.3.2 Global Silicon Monoxide Sales Value by Application (2019-2030)
 - 5.3.3 Global Silicon Monoxide Sales Value Share by Application (2019-2030)

6 SILICON MONOXIDE MARKET BY REGION

- 6.1 Global Silicon Monoxide Sales by Region: 2019 VS 2023 VS 2030
- 6.2 Global Silicon Monoxide Sales by Region (2019-2030)
 - 6.2.1 Global Silicon Monoxide Sales by Region: 2019-2024
 - 6.2.2 Global Silicon Monoxide Sales by Region (2025-2030)
- 6.3 Global Silicon Monoxide Sales Value by Region: 2019 VS 2023 VS 2030
- 6.4 Global Silicon Monoxide Sales Value by Region (2019-2030)
 - 6.4.1 Global Silicon Monoxide Sales Value by Region: 2019-2024
 - 6.4.2 Global Silicon Monoxide Sales Value by Region (2025-2030)
- 6.5 Global Silicon Monoxide Market Price Analysis by Region (2019-2024)
- 6.6 North America
 - 6.6.1 North America Silicon Monoxide Sales Value (2019-2030)

6.6.2 North America Silicon Monoxide Sales Value Share by Country, 2023 VS 2030

6.7 Europe

6.7.1 Europe Silicon Monoxide Sales Value (2019-2030)

6.7.2 Europe Silicon Monoxide Sales Value Share by Country, 2023 VS 2030

6.8 Asia-Pacific

6.8.1 Asia-Pacific Silicon Monoxide Sales Value (2019-2030)

6.8.2 Asia-Pacific Silicon Monoxide Sales Value Share by Country, 2023 VS 2030

6.9 Latin America

6.9.1 Latin America Silicon Monoxide Sales Value (2019-2030)

6.9.2 Latin America Silicon Monoxide Sales Value Share by Country, 2023 VS 2030

6.10 Middle East & Africa

6.10.1 Middle East & Africa Silicon Monoxide Sales Value (2019-2030)

6.10.2 Middle East & Africa Silicon Monoxide Sales Value Share by Country, 2023 VS 2030

7 SILICON MONOXIDE MARKET BY COUNTRY

7.1 Global Silicon Monoxide Sales by Country: 2019 VS 2023 VS 2030

7.2 Global Silicon Monoxide Sales Value by Country: 2019 VS 2023 VS 2030

7.3 Global Silicon Monoxide Sales by Country (2019-2030)

7.3.1 Global Silicon Monoxide Sales by Country (2019-2024)

7.3.2 Global Silicon Monoxide Sales by Country (2025-2030)

7.4 Global Silicon Monoxide Sales Value by Country (2019-2030)

7.4.1 Global Silicon Monoxide Sales Value by Country (2019-2024)

7.4.2 Global Silicon Monoxide Sales Value by Country (2025-2030)

7.5 USA

7.5.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)

7.5.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030

7.5.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030

7.6 Canada

7.6.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)

7.6.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030

7.6.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030

7.7 Germany

7.7.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)

7.7.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030

7.7.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030

7.8 France

7.8.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)

- 7.8.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
- 7.8.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.9 U.K.
 - 7.9.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
 - 7.9.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
 - 7.9.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.10 Italy
 - 7.10.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
 - 7.10.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
 - 7.10.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.11 Netherlands
 - 7.11.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
 - 7.11.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
 - 7.11.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.12 Nordic Countries
 - 7.12.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
 - 7.12.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
 - 7.12.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.13 China
 - 7.13.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
 - 7.13.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
 - 7.13.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.14 Japan
 - 7.14.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
 - 7.14.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
 - 7.14.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.15 South Korea
 - 7.15.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
 - 7.15.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
 - 7.15.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.16 Southeast Asia
 - 7.16.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
 - 7.16.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
 - 7.16.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.17 India
 - 7.17.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
 - 7.17.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
 - 7.17.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030
- 7.18 Australia

- 7.18.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
- 7.18.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
- 7.18.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030

7.19 Mexico

- 7.19.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
- 7.19.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
- 7.19.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030

7.20 Brazil

- 7.20.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
- 7.20.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
- 7.20.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030

7.21 Turkey

- 7.21.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
- 7.21.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
- 7.21.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030

7.22 Saudi Arabia

- 7.22.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
- 7.22.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
- 7.22.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030

7.23 UAE

- 7.23.1 Global Silicon Monoxide Sales Value Growth Rate (2019-2030)
- 7.23.2 Global Silicon Monoxide Sales Value Share by Type, 2023 VS 2030
- 7.23.3 Global Silicon Monoxide Sales Value Share by Application, 2023 VS 2030

8 COMPANY PROFILES

8.1 OSAKA Titanium Technologies

- 8.1.1 OSAKA Titanium Technologies Company Information
- 8.1.2 OSAKA Titanium Technologies Business Overview
- 8.1.3 OSAKA Titanium Technologies Silicon Monoxide Sales, Value and Gross Margin (2019-2024)
- 8.1.4 OSAKA Titanium Technologies Silicon Monoxide Product Portfolio
- 8.1.5 OSAKA Titanium Technologies Recent Developments

8.2 Materion

- 8.2.1 Materion Company Information
- 8.2.2 Materion Business Overview
- 8.2.3 Materion Silicon Monoxide Sales, Value and Gross Margin (2019-2024)
- 8.2.4 Materion Silicon Monoxide Product Portfolio
- 8.2.5 Materion Recent Developments

8.3 EMD Electronics (Merck)

8.3.1 EMD Electronics (Merck) Company Information

8.3.2 EMD Electronics (Merck) Business Overview

8.3.3 EMD Electronics (Merck) Silicon Monoxide Sales, Value and Gross Margin (2019-2024)

8.3.4 EMD Electronics (Merck) Silicon Monoxide Product Portfolio

8.3.5 EMD Electronics (Merck) Recent Developments

8.4 Jayu Optical Material

8.4.1 Jayu Optical Material Company Information

8.4.2 Jayu Optical Material Business Overview

8.4.3 Jayu Optical Material Silicon Monoxide Sales, Value and Gross Margin (2019-2024)

8.4.4 Jayu Optical Material Silicon Monoxide Product Portfolio

8.4.5 Jayu Optical Material Recent Developments

8.5 Rearth Technology

8.5.1 Rearth Technology Company Information

8.5.2 Rearth Technology Business Overview

8.5.3 Rearth Technology Silicon Monoxide Sales, Value and Gross Margin (2019-2024)

8.5.4 Rearth Technology Silicon Monoxide Product Portfolio

8.5.5 Rearth Technology Recent Developments

8.6 Taizhou ATS Optical Material

8.6.1 Taizhou ATS Optical Material Company Information

8.6.2 Taizhou ATS Optical Material Business Overview

8.6.3 Taizhou ATS Optical Material Silicon Monoxide Sales, Value and Gross Margin (2019-2024)

8.6.4 Taizhou ATS Optical Material Silicon Monoxide Product Portfolio

8.6.5 Taizhou ATS Optical Material Recent Developments

8.7 Taiyuan Heng Xin Technology Industrial

8.7.1 Taiyuan Heng Xin Technology Industrial Company Information

8.7.2 Taiyuan Heng Xin Technology Industrial Business Overview

8.7.3 Taiyuan Heng Xin Technology Industrial Silicon Monoxide Sales, Value and Gross Margin (2019-2024)

8.7.4 Taiyuan Heng Xin Technology Industrial Silicon Monoxide Product Portfolio

8.7.5 Taiyuan Heng Xin Technology Industrial Recent Developments

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

9.1 Silicon Monoxide Value Chain Analysis

- 9.1.1 Silicon Monoxide Key Raw Materials
- 9.1.2 Raw Materials Key Suppliers
- 9.1.3 Manufacturing Cost Structure
- 9.1.4 Silicon Monoxide Sales Mode & Process
- 9.2 Silicon Monoxide Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Silicon Monoxide Distributors
 - 9.2.3 Silicon Monoxide Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

- 11.1 Reasons for Doing This Study
- 11.2 Research Methodology
- 11.3 Research Process
- 11.4 Authors List of This Report
- 11.5 Data Source
 - 11.5.1 Secondary Sources
 - 11.5.2 Primary Sources
- 11.6 Disclaimer

I would like to order

Product name: Global Silicon Monoxide Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

Product link: <https://marketpublishers.com/r/G7A4A2DEB429EN.html>

Price: US\$ 4,250.00 (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/G7A4A2DEB429EN.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

