

Ruthenium Foil Market, Global Outlook and Forecast 2022-2028

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Abstracts

Ruthenium is a lustrous silver metal that is impervious to air, water and acids, but is soluble in molten alkali. Extraction of metals is achieved by several techniques; for example, extraction of mixed platinum group metals by dissolution in aqua regia, followed by processing of various soluble and insoluble fractions. Metals have limited applications; as a pure metal, ruthenium is very hard and brittle, making it difficult to machine. It is relatively inactive and is used as an alloying element, together with platinum and palladium to produce alloys that improve wear resistance, and together with titanium to improve the corrosion resistance of materials. Ruthenium foils are presented in flakes as pure metal and metal alloy flakes. Ruthenium foil has a high melting point and good corrosion and chemical resistance. Due to their fragile nature, some foils are coated with acrylic or polyester support on one side.

This report contains market size and forecasts of Ruthenium Foil in global, including the following market information:

Global Ruthenium Foil Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Ruthenium Foil Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Ruthenium Foil companies in 2021 (%)

The global Ruthenium Foil market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

0.99 Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Ruthenium Foil include A-1 Alloys, Umicore Materials, ACI Alloys, BASF, Materion, Nobilis Metals, Alfa Aesar, Stanford Advanced Materials and EdgeTech Industries, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Ruthenium Foil manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Ruthenium Foil Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Ruthenium Foil Market Segment Percentages, by Type, 2021 (%)

0.99

0.995

0.9999

Others

Global Ruthenium Foil Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Ruthenium Foil Market Segment Percentages, by Application, 2021 (%)

CVD

PVD

Others

Global Ruthenium Foil Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Ruthenium Foil Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Ruthenium Foil revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Ruthenium Foil revenues share in global market, 2021 (%)

Key companies Ruthenium Foil sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Ruthenium Foil sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

A-1 Alloys

Umicore Materials

ACI Alloys

BASF

Materion

Nobilis Metals

Alfa Aesar

Stanford Advanced Materials

EdgeTech Industries

Heraeus

American Elements

Johnson Matthey

DF Goldsmith

Michigan Metals & Manufacturing

Goodfellow

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