

Global Polythiol Epoxy Resin Curing Agent Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Polythiol Epoxy Resin Curing Agent market size was valued at US\$ 154 million in 2025 and is forecast to a readjusted size of US\$ 245 million by 2032 with a CAGR of 6.9% during review period.

Polythiol epoxy resin curing agents are specialized hardeners used in combination with epoxy resins to achieve rapid and effective crosslinking at room or low temperatures. These curing agents, characterized by the presence of multiple thiol (-SH) functional groups, are particularly valued for their ability to facilitate fast curing, excellent adhesion, and low-temperature reactivity. Among them, trithiol polythiol compounds are especially prominent due to their high reactivity and compatibility with a wide range of epoxy systems. Polythiol curing agents are widely used in applications such as adhesives, coatings, sealants, electronics encapsulation, and wafer dicing, where speed, strength, and chemical resistance are critical.

Current Market Trends

The global market for polythiol epoxy resin curing agents is experiencing steady growth, driven by their expanding use in high-performance industrial and technological applications. The dominance of trithiol-based products reflects their versatility and superior performance, particularly in fast-cure adhesive systems and precision applications like electronic wafer cutting and photovoltaics. Manufacturers across Europe, the U.S., Japan, and South Korea currently lead in production capacity and technological development, supported by strong R&D and process optimization capabilities. At the same time, end-user sectors such as construction, electronics, and automotive continue to seek curing agents that deliver faster processing speeds and

long-term material stability, reinforcing demand for advanced polythiol formulations.

Future Outlook and Regional Developments

The outlook for polythiol epoxy curing agents is highly promising, with emerging markets, particularly in Asia, showing increasing consumption and production capacity. China is rapidly becoming a significant consumer, fueled by the growth of local industries in photovoltaics, electronics, and construction adhesives. The shift in regional demand is encouraging investment in local manufacturing and downstream formulation capabilities. As application requirements become more specialized and environmental regulations more stringent, market players are also focusing on developing low-odor, low-VOC, and high-efficiency polythiol systems. Overall, the market is poised for sustained expansion, supported by both innovation in product performance and broader adoption across global value chains.

This report is a detailed and comprehensive analysis for global Polythiol Epoxy Resin Curing Agent market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Polythiol Epoxy Resin Curing Agent market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Polythiol Epoxy Resin Curing Agent market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Polythiol Epoxy Resin Curing Agent market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Polythiol Epoxy Resin Curing Agent market shares of main players, shipments in

revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Polythiol Epoxy Resin Curing Agent

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Polythiol Epoxy Resin Curing Agent market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Huntsman, Toray, Resonac, Efirm New Material, BRUNO BOCK, Sakai Chemical Industry, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Polythiol Epoxy Resin Curing Agent market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Dimercaptopolythiol

Trimercaptopolythiol

Tetramercapto Polythiol

Other

Market segment by Application

Automotive

Electronics

Construction

Industrial

Others

Major players covered

Huntsman

Toray

Resonac

Efirm New Material

BRUNO BOCK

Sakai Chemical Industry

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Polythiol Epoxy Resin Curing Agent product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Polythiol Epoxy Resin Curing Agent, with price, sales quantity, revenue, and global market share of Polythiol Epoxy Resin Curing Agent from 2021 to 2026.

Chapter 3, the Polythiol Epoxy Resin Curing Agent competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Polythiol Epoxy Resin Curing Agent breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Polythiol Epoxy Resin Curing Agent market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Polythiol Epoxy Resin Curing Agent.

Chapter 14 and 15, to describe Polythiol Epoxy Resin Curing Agent sales channel, distributors, customers, research findings and conclusion.

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