

# **Photosensitive Glass Market by Application (Construction, Ornaments, Decorative, Electronics, and Automotive): Opportunity Analysis and Industry Forecast, 2018 - 2025**

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## **Abstracts**

### **Photosensitive Glass Market Overview:**

Photosensitive glass, also known as photo-structurable glass (PSG) or photo-machinable glass, is a crystal-clear glass, which belongs to the lithium-silicate family of glasses. This glass captures an image of a mask by microscopic metallic particles when it is exposed to short wave radiations such as ultraviolet light (UV). It possesses few characteristics in common with glass ceramics such as transparency, high strength & toughness, chemical durability, and zero or low porosity. This material has a limited array of applications, ranging from portraits & figures, photographic murals, 3D images, decorative windows, displays, ornamental tiles, and others.

The growth of the global photosynthetic glass market is majorly driven by increase in demand for photosynthetic glass owing to the development of the construction sector. This material is widely used in the commercial sector to aesthetically enhance the surroundings and in industrial sector specifically in the electronics industry to produce compact devices and components. The trend for micro-circuits through microfabrication in the electronics industry is expected to drive the adoption of photosensitive glass, thereby offering lucrative growth opportunities over the coming years. However, the major challenge that hampers the market growth is the high cost of photosensitive glass. On the contrary, increase in applications of photosensitive glass across various end-use industries is anticipated to create lucrative growth opportunities for the market during the forecast period.

The global photosensitive glass market is segmented based on application and region. The applications covered in the study include construction, ornaments, decorative, electronics, and automotive. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

North America emerged as a largest region in terms of growth due to established construction industry and economically strong nature. Europe is the second largest market in the global photosensitive glass market driven by increase in demand from France. Asia-Pacific is expected to be the key market during the forecast period due to growth in use of photosensitive glass in electronics and rise in construction activities.

Some of the key manufacturers of photosensitive glass are Corning Incorporated, HOYA Corporation, Schott AG, IPG Photonics Corporation, and Gaffer Glass.

Key Benefits for Photosensitive Glass Market:

Porter's five forces analysis helps analyze the potential of buyers and suppliers and the competitive scenario of the industry for strategy building.

This report outlines the current trends and future scenario of the optically clear adhesives market from 2018 to 2025 to understand the prevailing opportunities and potential investment pockets.

Major countries in each region are mapped according to their individual revenue contribution to the global/regional market.

The key drivers, restraints, and opportunities and their detailed impact analyses are elucidated in the study.

The profiles of the key players along with their key strategic developments are enlisted in the report.

Photosensitive Glass Key Market Segments:

By Application

Construction

Ornaments

Decorative

Electronics

Automotive

## By Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Rest of Europe

Asia-Pacific

China

India

Japan

Rest of Asia-Pacific

LAMEA

Brazil

South Africa

Rest of LAMEA

## Contents

### CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key benefits for stakeholders
- 1.3. Key market segments
- 1.4. Research methodology
  - 1.4.1. Secondary research
  - 1.4.2. Primary research
- 1.5. Analyst tools and models

### CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. Key findings of the study
- 2.2. CXO perspective

### CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key findings
  - 3.2.1. Top investment pockets
  - 3.2.2. Porters five forces analysis
- 3.3. Market dynamics
  - 3.3.1. Drivers
    - 3.3.1.1. Developing applications of photosensitive glass in photolithography
    - 3.3.1.2. Surge in demand for photosensitive glass
  - 3.3.2. Restraint
    - 3.3.2.1. High price and limited presence of global manufacturers
  - 3.3.3. Opportunity
    - 3.3.3.1. Increase in application across various industries

### CHAPTER 4: PHOTOSENSITIVE GLASS MARKET, BY APPLICATION

- 4.1. Overview
  - 4.1.1. Market size and forecast
- 4.2. Construction
  - 4.2.1. Key market trends, growth factors, and opportunities
  - 4.2.2. Market size and forecast, by region

- 4.2.3. Market share analysis, by country
- 4.3. Ornaments
  - 4.3.1. Key market trends, growth factors, and opportunities
  - 4.3.2. Market size and forecast, by region
  - 4.3.3. Market share analysis, by country
- 4.4. Decorative
  - 4.4.1. Key market trends, growth factors, and opportunities
  - 4.4.2. Market size and forecast, by region
  - 4.4.3. Market share analysis, by country
- 4.5. Electronics
  - 4.5.1. Key market trends, growth factors, and opportunities
  - 4.5.2. Market size and forecast, by region
  - 4.5.3. Market share analysis, by country
- 4.6. Automotive
  - 4.6.1. Key market trends, growth factors, and opportunities
  - 4.6.2. Market size and forecast, by region
  - 4.6.3. Market share analysis, by country

## **CHAPTER 5: PHOTOSENSITIVE GLASS MARKET, BY REGION**

- 5.1. Overview
  - 5.1.1. Market size and forecast
- 5.2. North America
  - 5.2.1. Key market trends, growth factors, and opportunities
  - 5.2.2. Market size and forecast, by application
  - 5.2.3. Market share analysis, by country
  - 5.2.4. U.S.
    - 5.2.4.1. Market size and forecast, by application
  - 5.2.5. Canada
    - 5.2.5.1. Market size and forecast, by application
  - 5.2.6. Mexico
    - 5.2.6.1. Market size and forecast, by application
- 5.3. Europe
  - 5.3.1. Key market trends, growth factors, and opportunities
  - 5.3.2. Market size and forecast, by application
  - 5.3.3. Market share analysis, by country
  - 5.3.4. Germany
    - 5.3.4.1. Market size and forecast, by application
  - 5.3.5. France

- 5.3.5.1. Market size and forecast, by application
- 5.3.6. UK
  - 5.3.6.1. Market size and forecast, by application
- 5.3.7. Italy
  - 5.3.7.1. Market size and forecast, by application
- 5.3.8. Rest of Europe
  - 5.3.8.1. Market size and forecast, by application
- 5.4. Asia-Pacific
  - 5.4.1. Key market trends, growth factors, and opportunities
  - 5.4.2. Market size and forecast, by application
  - 5.4.3. Market share analysis, by country
  - 5.4.4. China
    - 5.4.4.1. Market size and forecast, by application
  - 5.4.5. Japan
    - 5.4.5.1. Market size and forecast, by application
  - 5.4.6. India
    - 5.4.6.1. Market size and forecast, by application
  - 5.4.7. Australia
    - 5.4.7.1. Market size and forecast, by application
  - 5.4.8. Rest of Asia-Pacific
    - 5.4.8.1. Market size and forecast, by application
- 5.5. LAMEA
  - 5.5.1. Key market trends, growth factors, and opportunities
  - 5.5.2. Market size and forecast, by application
  - 5.5.3. Market share analysis, by country
  - 5.5.4. Brazil
    - 5.5.4.1. Market size and forecast, by application
  - 5.5.5. Saudi Arabia
    - 5.5.5.1. Market size and forecast, by application
  - 5.5.6. Rest of LAMEA
    - 5.5.6.1. Market size and forecast, by application

## **CHAPTER 6: COMPANY PROFILES**

- 6.1. CORNING INCORPORATED
  - 6.1.1. Company overview
  - 6.1.2. Company snapshot
  - 6.1.3. Operating business segments
  - 6.1.4. Product portfolio

6.1.5. Business performance

## 6.2. GAFFER GLASS

6.2.1. Company overview

6.2.2. Company snapshot

6.2.3. Product portfolio

## 6.3. HOYA CORPORATION

6.3.1. Company overview

6.3.2. Company snapshot

6.3.3. Operating business segments

6.3.4. Product portfolio

6.3.5. Business performance

## 6.4. IPG PHOTONICS CORPORATION

6.4.1. Company overview

6.4.2. Company snapshot

6.4.3. Product portfolio

6.4.4. Business performance

## 6.5. SCHOTT AG

6.5.1. Company overview

6.5.2. Company snapshot

6.5.3. Operating business segments

6.5.4. Product portfolio

6.5.5. Business performance

6.5.6. Key strategic moves and developments

## List Of Tables

### LIST OF TABLES

TABLE 01. GLOBAL PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)

TABLE 02. PHOTOSENSITIVE GLASS MARKET FOR CONSTRUCTION, BY REGION, 20172025 (USD)

TABLE 03. PHOTOSENSITIVE GLASS MARKET FOR ORNAMENTS, BY REGION, 20172025 (USD)

TABLE 04. PHOTOSENSITIVE GLASS MARKET FOR DECORATIVE, BY REGION, 20172025 (USD)

TABLE 05. PHOTOSENSITIVE GLASS MARKET FOR ELECTRONICS, BY REGION, 20172025 (USD)

TABLE 06. PHOTOSENSITIVE GLASS MARKET FOR AUTOMOTIVE, BY REGION, 20172025 (USD)

TABLE 07. PHOTOSENSITIVE GLASS MARKET, BY REGION, 20172025 (USD)

TABLE 08. NORTH AMERICA PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)

TABLE 09. NORTH AMERICA PHOTOSENSITIVE GLASS MARKET, BY COUNTRY, 20172025 (USD)

TABLE 10. U.S. PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)

TABLE 11. CANADA PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)

TABLE 12. MEXICO PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)

TABLE 13. EUROPE PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)

TABLE 14. EUROPE PHOTOSENSITIVE GLASS MARKET, BY COUNTRY, 20172025 (USD)

TABLE 15. GERMANY PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)

TABLE 16. FRANCE PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)

TABLE 17. UK PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)

TABLE 18. ITALY PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 20172025 (USD)



TABLE 19. REST OF EUROPE PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 20. ASIA-PACIFIC PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 21. ASIA-PACIFIC PHOTOSENSITIVE GLASS MARKET, BY COUNTRY, 2017-2025 (USD)

TABLE 22. CHINA PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 23. JAPAN PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 24. INDIA PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 25. AUSTRALIA PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 26. REST OF ASIA-PACIFIC PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 27. LAMEA PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 28. LAMEA PHOTOSENSITIVE GLASS MARKET, BY COUNTRY, 2017-2025 (USD)

TABLE 29. BRAZIL PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 30. SAUDI ARABIA PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 31. REST OF LAMEA PHOTOSENSITIVE GLASS MARKET, BY APPLICATION, 2017-2025 (USD)

TABLE 32. CORNING: COMPANY SNAPSHOT

TABLE 33. CORNING: OPERATING SEGMENTS

TABLE 34. CORNING: PRODUCT PORTFOLIO

TABLE 35. GAFFER: COMPANY SNAPSHOT

TABLE 36. GAFFER: PRODUCT PORTFOLIO

TABLE 37. HOYA: COMPANY SNAPSHOT

TABLE 38. HOYA: OPERATING SEGMENTS

TABLE 39. HOYA: PRODUCT PORTFOLIO

TABLE 40. IPG PHOTONICS: COMPANY SNAPSHOT

TABLE 41. IPG PHOTONICS: PRODUCT PORTFOLIO

TABLE 42. SCHOTT: COMPANY SNAPSHOT

TABLE 43. SCHOTT: OPERATING SEGMENTS

TABLE 44. SCHOTT: PRODUCT PORTFOLIO

TABLE 45. SCHOTT: KEY STRATEGIC MOVES AND DEVELOPMENTS

## List Of Figures

### LIST OF FIGURES

- FIGURE 01. GLOBAL PHOTSENSITIVE GLASS MARKET SEGMENTATION
- FIGURE 02. TOP INVESTMENT POCKETS, BY COUNTRY
- FIGURE 03. LOW BARGAINING POWER OF SUPPLIERS
- FIGURE 04. MODERATE BARGAINING POWER OF BUYERS
- FIGURE 05. MODERATE THREAT OF NEW ENTRANTS
- FIGURE 06. MODERATE THREAT OF SUBSTITUTES
- FIGURE 07. MODERATE INTENSITY OF COMPETITIVE RIVALRY
- FIGURE 08. GLOBAL PHOTSENSITIVE GLASS MARKET DYNAMICS
- FIGURE 09. COMPARATIVE SHARE ANALYSIS OF PHOTSENSITIVE GLASS MARKET FOR CONSTRUCTION, BY COUNTRY, 2017 & 2025 (%)
- FIGURE 10. COMPARATIVE SHARE ANALYSIS OF PHOTSENSITIVE GLASS MARKET FOR ORNAMENTS, BY COUNTRY, 2017 & 2025 (%)
- FIGURE 11. COMPARATIVE SHARE ANALYSIS OF PHOTSENSITIVE GLASS MARKET FOR DECORATIVE, BY COUNTRY, 2017 & 2025 (%)
- FIGURE 12. COMPARATIVE SHARE ANALYSIS OF PHOTSENSITIVE GLASS MARKET FOR ELECTRONICS, BY COUNTRY, 2017 & 2025 (%)
- FIGURE 13. COMPARATIVE SHARE ANALYSIS OF PHOTSENSITIVE GLASS MARKET FOR AUTOMOTIVE, BY COUNTRY, 2017 & 2025 (%)
- FIGURE 14. CORNING: REVENUE, 2015-2017 (\$MILLION)
- FIGURE 15. CORNING: REVENUE SHARE BY SEGMENT, 2017 (%)
- FIGURE 16. CORNING: REVENUE SHARE BY REGION, 2017 (%)
- FIGURE 17. HOYA: REVENUE, 2015-2017 (\$MILLION)
- FIGURE 18. HOYA: REVENUE SHARE BY REGION, 2017 (%)
- FIGURE 19. HOYA: REVENUE SHARE BY SEGMENT, 2017 (%)
- FIGURE 20. IPG PHOTONICS: REVENUE, 2015-2017 (\$MILLION)
- FIGURE 21. IPG PHOTONICS: REVENUE SHARE BY REGION, 2017 (%)
- FIGURE 22. SCHOTT: REVENUE, 2015-2017 (\$MILLION)
- FIGURE 23. SCHOTT: REVENUE SHARE BY REGION, 2017 (%)

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