

Child-Safe Cannabis & CBD Product Packaging Market Forecasts to 2034 - Global Analysis By Packaging Type (Bottles, Jars, Pouches, Blister Packs, Tubes and Cartons & Boxes), Material, Product Category, Safety Feature, Distribution Channel and By Geography

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Abstracts

According to Statistics MRC, the Global Child-Safe Cannabis & CBD Product Packaging Market is accounted for \$1.0 billion in 2026 and is expected to reach \$2.7 billion by 2034 growing at a CAGR of 13.1% during the forecast period. Child-Safe Cannabis & CBD Product Packaging comprises specialized packaging formats intended to prevent unintended access by children while protecting product quality and supporting compliance requirements. Common solutions include child-resistant caps, tamper-evident mechanisms, secure containers, and informative labels. These packaging formats serve cannabis oils, edibles, capsules, tinctures, and CBD-based products. Increasing emphasis on child safety, responsible consumption, and regulatory standards is driving the development of packaging that combines strong protection with convenient handling, product preservation, and appropriate accessibility for adult users.

According to Health Canada, 73% of Canadian cannabis consumers living with children under 18 reported storing cannabis in a container, room, or building that was childproof, locked, or out of reach in 2024. This highlights the importance of child-safe storage and packaging.

Market Dynamics:

Driver:

Increasing focus on child safety

Increasing awareness of accidental cannabis and CBD exposure among children is supporting the adoption of protective packaging technologies. Companies are using child-resistant caps, tamper-evident systems, sealed containers, and other safety features to limit unintended access. Regulatory requirements across various jurisdictions further reinforce the need for reliable child-resistant packaging. The expanding range and availability of cannabis and CBD products is encouraging manufacturers to improve packaging designs that protect children without creating unnecessary difficulties for adult consumers. Consequently, stronger emphasis on preventing accidental consumption is contributing to demand for child-safe packaging solutions.

Restraint:

High packaging costs

Specialized child-resistant cannabis and CBD packaging can involve higher expenses because it requires dedicated materials, engineered components, testing procedures, and safety features. Smaller companies may find it particularly challenging to absorb the additional costs associated with certified closures, tamper-evident systems, and secure containers. Rising packaging expenditure can affect pricing strategies, sourcing decisions, and the choice of packaging formats. Such financial pressures may limit adoption of advanced child-safe packaging, especially among smaller producers with restricted budgets or production quantities.

Opportunity:

Development of sustainable child-resistant packaging

The increasing focus on environmental responsibility offers packaging manufacturers opportunities to create child-resistant solutions from recyclable, reusable, lightweight, and bio-derived materials. Companies can integrate safety mechanisms with sustainable packaging structures to meet both protection and environmental objectives. Advances in recyclable polymers, fiber-based materials, bio-based plastics, and material-efficient designs may enable suppliers to distinguish their offerings. Solutions that preserve child-resistant performance while lowering material usage can expand opportunities throughout cannabis and CBD packaging applications.

Threat:

Regulatory changes across cannabis and cbd markets

Ongoing regulatory developments in cannabis and CBD markets can create challenges for manufacturers of child-safe packaging. New rules may require changes to packaging structures, materials, labels, child-resistant features, or tamper-evident mechanisms. Businesses operating internationally may encounter additional testing and redesign costs when individual jurisdictions introduce different requirements. As regulatory frameworks continue evolving, packaging companies may experience greater compliance complexity, making it more difficult to standardize child-safe solutions across different cannabis and CBD markets.

Covid-19 Impact:

COVID-19 created disruptions across the supply chains, production facilities, and distribution channels supporting child-safe cannabis and CBD packaging. Manufacturing interruptions, transportation restrictions, and temporary closures contributed to delays in obtaining packaging materials and delivering finished products. Meanwhile, growth in online shopping and home-based consumption helped sustain interest in secure packaging solutions. With economic activity gradually resuming, companies strengthened sourcing strategies, inventory planning, and supply reliability while maintaining focus on compliant and protective packaging designs.

The bottles segment is expected to be the largest during the forecast period

The bottles segment is expected to account for the largest market share during the forecast period because they offer secure storage, ease of use, and flexibility across different formulations. Manufacturers can incorporate child-resistant caps and closure systems to limit accidental access while preserving convenient adult handling. Bottle formats accommodate oils, tinctures, liquid extracts, capsules, and other cannabis or CBD products. Their robust structure, resealable design, ample labeling area, and protective properties help safeguard contents from contamination and external conditions, supporting their application across a broad range of cannabis and CBD product categories.

The online retail segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the online retail segment is predicted to witness the highest

growth rate as consumers increasingly purchase products through digital channels. Products sold online require packaging capable of protecting contents throughout fulfillment, transportation, and delivery while providing child-resistant and tamper-evident protection. E-commerce further creates demand for discreet, durable, and secure packaging that can handle distribution conditions. Expanding online purchasing, greater accessibility of cannabis and CBD products, and consumer preference for home delivery are encouraging continued development of specialized packaging solutions for digital retail.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share because of its mature cannabis industry, broad product availability, and focus on consumer safety. Regulatory frameworks promote the use of secure, child-resistant packaging for legal cannabis products. In Canada, child-resistant containers are mandatory for cannabis products, while regulations across U.S. states also emphasize protective packaging measures. The region's established distribution channels and wide variety of cannabis and CBD products further encourage demand for specialized packaging designed to provide child protection and product security.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR as CBD adoption, medical cannabis programs, and regulatory frameworks continue developing. Countries including Australia, Thailand, Japan, and South Korea are contributing to rising demand for compliant and protective packaging. Increasing requirements for child-resistant, tamper-evident, and traceable formats are supporting packaging innovation, while the region's expanding manufacturing base provides additional opportunities. Greater establishment of regulated cannabinoid products is expected to strengthen demand for specialized child-safe packaging solutions throughout Asia Pacific.

Key players in the market

Some of the key players in Child-Safe Cannabis & CBD Product Packaging Market include Amcor plc, Berry Global Inc., AptarGroup, Inc., Gerresheimer AG, WestRock Company, Mondi Group, KushCo Holdings, Sana Packaging, Dymapak, N2 Packaging Systems, KacePack, Elevate Packaging, Inc., The BoxMaker, Origin Pharma Packaging, Comar, LLC, Diamond Packaging, Contempo Specialty Packaging and

Green Rush Packaging.

Key Developments:

In March 2026, Smurfit Westrock announced a multi-year agreement to become a Worldwide Partner of the Ryder Cup. This marks a meaningful milestone for Dublin-headquartered Smurfit Westrock as it celebrates the return of the Ryder Cup to Ireland alongside golf fans, players and partners.

In April 2025, Amcor plc announced the successful completion of its all-stock combination with Berry Global, effective. Through this combination, Amcor enhances its position as a global leader in consumer and healthcare packaging solutions with the unique material science and innovation capabilities required to revolutionize product development and meet customers' and consumers' sustainability aspirations.

In February 2025, Berry Global Group, Inc. collaborated with snacks and treats leader Mars to transition its pantry jars for M&M'S®, SKITTLES® and STARBURST® brands to 100% recycled plastic packaging, exclusive of jar lids. This achievement advances the ongoing collaboration between Berry and Mars to develop packaging made with recycled content, and builds on a previous launch of the pantry jars with 15% recycled plastic in 2022. The updated jars are now rolling out across the country.

Packaging Types Covered:

Bottles

Jars

Pouches

Blister Packs

Tubes

Cartons & Boxes

Materials Covered:

Plastic

Glass

Metal

Paper & Paperboard

Biodegradable & Compostable Materials

Product Categories Covered:

Edibles

Beverages

Oils & Tinctures

Topicals

Capsules & Tablets

Pre-Rolls & Flower

Safety Features Covered:

Child-Resistant Closures (CRC)

Tamper-Evident Packaging

Senior-Friendly Packaging

Resealable Packaging

Distribution Channels Covered:

Dispensaries

Online Retail

Pharmacies

Supermarkets & Hypermarkets

Specialty Stores

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of 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 2023, 2024, 2025, 2026, 2027, 2028, 2030,

2032 and 2034

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

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