

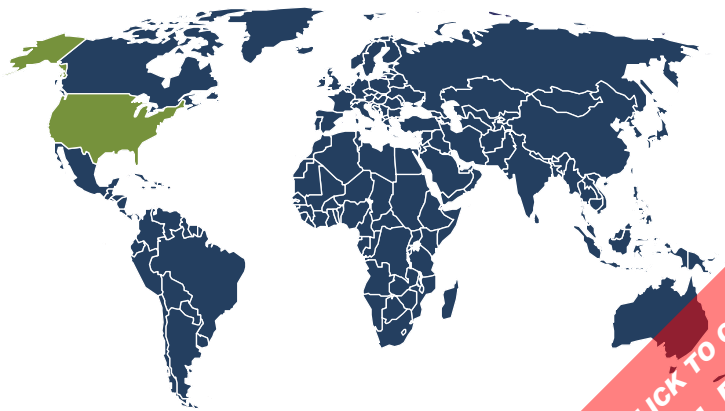
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Natural

Adhesives & Sealants: United States

February 2015



Highlights

Market Environment

Historical Market Size and Trends | Key Economic Indicators | Packaging Overview
Construction Overview | Competitive Materials and Technology

Segmentation and Forecasts

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ABOUT THIS REPORT

Scope & Method

This report forecasts US natural adhesive and sealant demand in pounds to 2019. Total demand is segmented by product in terms of:

- dextrans
- unmodified starch
- animal glues
- other proteins such as casein glue and blood albumin
- cellulose
- other products such as linseed oil, soybean oil, and shellac.

Binder resins, such as those used in the production of engineered wood products and employed to bond certain nonwoven fabrics together, are not considered adhesives for the purposes of this report and are excluded. Carpet and rug backing adhesives are also not included in market totals. For the purposes of this report, adhesives and sealants based on natural rubber are not included. Furthermore, adhesives and sealants – primarily starch- and dextrin-derived – utilized in the production of corrugated board are excluded.

To illustrate historical trends, total demand is provided in an annual series from 2004 to 2014; the various segments are reported at five-year intervals for 2009 and 2014.

This report quantifies trends in various measures of growth. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

Sources

Natural Adhesives & Sealants: United States (FF35090) is based on [Adhesives & Sealants](#), a comprehensive industry study published by The Freedonia Group in February 2015. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
325211	Plastics Material and Resin Mfg	2819	Industrial Inorganic Chemicals, NEC
325520	Adhesive Mfg	2821	Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers
325998	All Other Miscellaneous Chemical Product and Preparation Mfg	2891	Adhesives and Sealants

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