Waxes

US Industry Study with Forecasts for **2019 & 2024**

Study #3271 | May 2015 | $5200 | 265 pages

The Freedonia Group
767 Beta Drive
Cleveland, OH • 44143-2326 • USA
Toll Free US Tel: 800.927.5900 or
+1 440.684.9600
Fax: +1 440.646.0484
Email: info@freedoniagroup.com

Waxes

US Industry Study with Forecasts for ***2019 & 2024***

Freedonia®

Table of Contents

Waxes

US Industry Study with Forecasts for *2019 & 2024*

List of Tables

EXECUTIVE SUMMARY

MARKET ENVIRONMENT

PRODUCT OVERVIEW

PETROLEUM & MINERAL WAXES

SYNTHETIC WAXES

NATURAL WAXES

MARKETS

INDUSTRY STRUCTURE

List of Charts

MARKET ENVIRONMENT

PRODUCT OVERVIEW

PETROLEUM & MINERAL WAXES

SYNTHETIC WAXES

NATURAL WAXES

INDUSTRY STRUCTURE

Waxes

US Industry Study with Forecasts for ***2019 & 2024***

Volume increases will be based on continued growth in manufacturing and residential construction, while weakness in the packaging industry and most consumer and commercial applications will limit gains.

US demand to rise 1.8% annually through 2019

US demand for waxes is forecast to grow 1.8 percent annually through 2019 to nearly three billion pounds, with value demand reaching $3.2 billion. Increases in volume terms will be supported by continued growth in manufacturing and residential construction activity. However, advances will be limited by a challenging environment for waxes in the packaging industry, as well as weak growth in most consumer and commercial applications. The supply and market share of different wax types will remain dynamic as changes in the global petroleum refining industry impact the supply and pricing of petroleum derived waxes, as crude oil and natural gas prices impact synthetic wax capacity, and as agricultural commodity prices impact production of natural waxes.

Industrial applications to be fastest growing market

Continued strengthening of the economy will support growth in the US manufacturing sector, which in turn will continue to drive industrial wax demand, particularly in coatings and inks, adhesives, and plastic and rubber processing. While these applications typically employ the most cost-effective waxes, demand is expected to grow for waxes that increase production efficiency and lower input costs. The fastest increases in wax demand will be in the manufacture of building boards, spurred on by robust increases in residential construction activity. In contrast, rising interest in sustainability and demand for recyclable alternatives will reduce the use of waxes in paper and paperboard packaging. Growth in industrial wax demand will be healthy going forward, while the outlook for consumer and commercial wax consumption will not be as strong, restrained by the general maturity of these wax applications. Long term trends away from the use of polish on automobiles and flooring will further limit growth.

Wax supply, market share to remain dynamic

Petroleum waxes are expected to face supply issues as major refiners shift away from producing the lower quality base oils from which petroleum waxes are derived. Additionally, refiners are increasingly turning to catalytic dewaxing technologies, which do not produce wax as a byproduct. Limited supplies will continue to raise petroleum wax prices, benefiting synthetic and natural wax alternatives. The use of synthetic waxes as additives to create high-performance, low-cost wax blends is expected to be a major area of focus for product development. While synthetic waxes will generally benefit from the shift toward higher quality base oils by refiners, synthetic Fisher-Tropsch waxes will face their own supply shortages due to the delay or cancellation of new gas-to-liquids (GTL) projects in the US following the collapse of crude oil prices in 2014.

Waxes

US Industry Study with Forecasts for ***2019 & 2024***

Freedonia®

Sample Text, Table & Chart

MARKETS

Adhesives & Sealants Industry Outlook -- US sh
adhesives ar   nnually grow through
percent to $ round in construction
combined w   hesives and sealants i
turing and a   rt growth. Adhesive
technologie   er inroads in applicat
cally domin   s and other alternativ
systems, espe   ontinue to reduce the v
products such as motor vehicles, aircraft, and electronics. However, advances will be limited by trends toward high solids formulations and lower application weights, which will restrict the total volume of adhesives and sealants consumed. Market maturity and sluggish growth in paper packaging and other key markets will further restrain increases.

SAMPLE TEXT

The fastest annual growth through 2019 is expected for reactive adhesives and sealants, driven by rising demand in major markets (e.g., manufacturing and assembly, construction) and trends favoring higher value materials. Silicone and polyurethane adhesives and sealants will post the most rapid gains among reactive types, supported by their superior performance characteristics. Hot-melt products will register near average advances, as their rapid cure rates continue to promote their use in markets such as packaging that requires fast processing speeds. In addition, hot-melt adhesives' lack of volatile organic compound (VOC) emissions will continue to benefit demand.

Manufacturing and assembly will continue to be the lar
for adhesives and sealants. Within this market, the tapes and
ment is expected to remain the leading outlet for adhesives,
healthy advances in the production of pressure sensitive tape
Among other segments, solid increases are expected in the a
machinery, motor vehicle, and electrical and electronic mark
adhesives and sealants will continue to displace alternative f

TABLE IV-3

REFINED PARAFFIN WAX DEMAND BY MARKET
(million dollars)

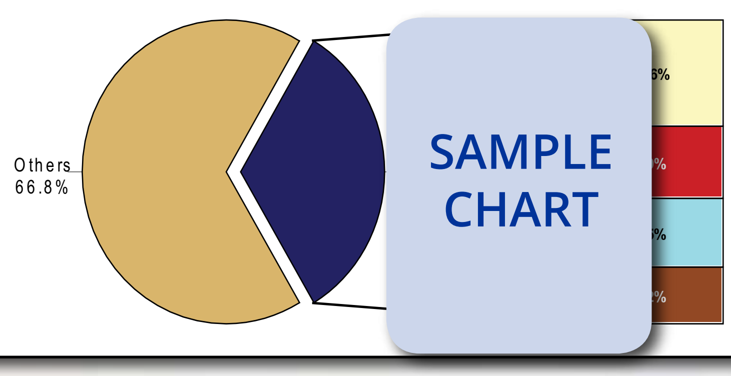
Item	2004	2009	2014	2019	2024
Nondurable Goods Shipments (bil 2009$)					
lb paraffin/000$ nondurables					
Refined Paraffin Demand (mil lb)					
$/lb					
Refined Paraffin Wax Demand					
Candles & Decoratives					
Paper & Paperboard					
Plastics & Rubber					
Other Markets					
% refined					
Total Paraffin Wax Demand					

SAMPLE TABLE

Source: The Freedonia Group, Inc.

CHART VIII-1

WAX MARKET SHARE BY COMPANY, 2014
($2.4 billion)



Click here to purchase online

Order now, click here!

Waxes

US Industry Study with Forecasts for ***2019 & 2024***

Freedonia®

Sample Profile & Table, & Study Coverage

TABLE V-2

POLYMER WAX DEMAND
(million dollars)

Item	2004	2009	2014	2019	2024
Nondurable Goods Shipments (bil 2009$)					
lb wax/000$ nondurables					
Polymer Wax Demand (mil lb)					
$/lb					
Polymer Wax Demand					
Polyethylene					
Other Polymer Waxes					
% polymer					
Synthetic Wax Demand					

Source: The Freedonia Group, Inc.

SAMPLE TABLE

COMPANY PROFILES

Armored AutoGroup Incorporated
44 Old Ridgebury Road, Suite 300
Danbury, CT 06810
203-205-2900
http://wv

Sales: $)
US Sales EC)
Employ

Key Pro products

SAMPLE PROFILE

Arm ve aftermarket appearance products and performance chemicals under the ARMOR ALL and STP brand names. The Company operates in two segments: North America and International. Armored AutoGroup is 91.3-percent owned by Avista Capital Partners (New York, New York).

The Company participates in the US waxes industry through the North America segment, which had 2014 sales of $220 million. The segment includes automotive care products marketed and sold in the US and Canada under the ARMOR ALL and STP brand names. Among the North America segment's ARMOR ALL products are EXTREME SHIELD WAX, PREMIUM WASH & WAX + PROTECT, and ULTRA SHINE WASH & WAX wax-based automotive appearance products.

EXTREME SHIELD WAX polymer-based wax is formulated to protect automotive exteriors and repel dirt and grime. The Company's PREMIUM WASH & WAX + PROTECT wash/wax product incorporates carnauba wax and a pearlescent polymer that is intended to minimize water on a vehicle after rinsing. ULTRA SHINE WASH & WAX wash/wax product is based on carnauba wax and features cleaning

 207

STUDY COVERAGE

This Freedonia study, ***Waxes***, presents historical demand data (2004, 2009, 2014) plus forecasts (2019, 2024) by type (petroleum & mineral, natural, synthetic) and market. The study also considers key market environment factors, examines the industry structure, evaluates company market share and profiles 39 US industry competitors.

Click here to purchase online

Order now, click here!

Order Information

Five Convenient Ways to Order

INDUSTRY MARKET RESEARCH FOR BUSINESS LEADERS, STRATEGISTS, DECISION MAKERS

Freedonia®

ONLINE: www.freedoniagroup.com

MAIL: Print out and complete the order form and send to The Freedonia Group (see address at the bottom of this form)

PHONE: Call toll free, 800.927.5900 (US) or +1 440.684.9600

FAX: +1 440.646.0484 (US)

EMAIL: info@freedoniagroup.com

Free Handling & Shipping

There is NO charge for handling or UPS shipping in the US. Expect delivery in 3 to 5 business days. Outside the US, Freedonia provides free airmail service. Express delivery is available at cost.

Orders Outside of the US

Checks must be made payable in US funds, drawn against a US bank and mailed directly to The Freedonia Group. For wire transfers please contact our customer service department at info@freedoniagroup.com. Credit cards accepted.

Credit Card Orders

For convenience, Freedonia accepts American Express, MasterCard or Visa. Credit card purchases must include account number, expiration date and authorized signature.

Save 15%

If you order three (3) different titles at the same time, you can receive a 15% discount. If your order is accompanied by a check or wire transfer, you may take a 5% cash discount (discounts do not apply to Corporate Use Licenses).

Corporate Use License

Now every decision maker in your organization can act on the key intelligence found in all Freedonia studies. For an additional $2600, companies receive unlimited use of an electronic version (PDF) of the study. Place it on your intranet, email it to coworkers around the world, or print it as many times as you like.

Click here to learn more about the Corporate Use License

Order Form

F-WEB.3271

Waxes $5200

☐ Corporate Use License (add to study price) * +$2600

___ Additional Print Copies @ $600 each *

Total (including selected option) $________

☐ Enclosed is my check (5% discount) drawn on a US bank and payable to The Freedonia Group, Inc., in US funds (Ohio residents add 8% sales tax)

☐ Bill my company ☐ American Express ☐ MasterCard ☐ Visa

Credit Card # ________ Expires mm/yy ________ Security Code ________

Signature ________

Name ________

Title ________

Company ________

Division ________

Street ________ (No PO Box please)

City/State/Zip ________

Country ________

Phone ________ Fax ________

Email ________

* Please check appropriate option and sign below to order an electronic version of the study.

☐ Corporate Use License Agreement

The above captioned study may be stored on the company's intranet or shared directory, available to company employees. Copies of the study may be made, but the undersigned represents that distribution of the study will be limited to employees of the company.

Signature ________

☐ Individual Use License Agreement

The undersigned hereby represents that the above captioned study will be used by only ___ individual(s) who are employees of the company and that the study will not be loaded on a network for multiple users. In the event that usage of the study changes, the Company will promptly notify Freedonia of such change and will pay to Freedonia the appropriate fee based on Freedonia's standard fee schedule then in effect. Note: Entire company corporate use license, add $2600; one additional user, add $600; two additional users, add $1200; three additional users, add $1800.

Signature ________

The Freedonia Group, Inc. • 767 Beta Drive • Cleveland, OH • 44143-2326 • USA • Website: www.freedoniagroup.com
Tel US: 800.927.5900 or +1 440.684.9600 • Fax: +1 440.646.0484 • Email: info@freedoniagroup.com

Related Studies

Amines

This study analyzes the US amines industry. It presents historical demand data (2004, 2009 and 2014) and forecasts (2019 and 2024) by product (e.g., ethanolamines, alkylamines, fatty amines, specialty amines, ethyleneamines, polyetheramines) and market (e.g., cleaning products, agricultural chemicals, personal care products, natural gas processing, water treatment, lubricants, wood treatment). The study also considers market environment factors, details industry structure, evaluates company market share and capacity share, and profiles industry players.

#3292..................July 2015.....................$5200

Adhesives & Sealants

US demand for adhesives and sealants is forecast to increase 2.8 percent per year to 6.4 billion pounds in 2019, valued at $12.8 billion. Reactive adhesives and sealants will be the fastest growing types. The construction market will lead gains, while the manufacturing and assembly market will remain the largest segment. This study analyzes the 5.6 billion pound US adhesives and sealants industry, with forecasts for 2019 and 2024 by product and market. The study also evaluates company market share and profiles industry players.

#3257............. February 2015.................$5400

Surfactants

US demand for surfactants will rise 3.2 percent per year to 10.9 billion pounds in 2018, valued at $14.4 billion. Industrial markets will grow the fastest, benefiting specialty surfactants the most. Personal care products will also offer good market opportunities, led by surfactants that are gentle on skin and hair and are environmentally sustainable. This study analyzes the 9.3 billion pound US surfactants industry, with forecasts for 2018 and 2023 by market and product. The study also evaluates company market share and profiles industry participants.

#3247...............January 2015..................$5200

Construction Chemicals

US demand for chemicals used in on-site construction will rise 8.2 percent annually through 2018 to $12.1 billion. Sprayed polyurethane foam, cement and asphalt additives, and grouts and mortars will grow the fastest. Higher value formulations will continue to gain market share in response to environmental and performance concerns. This study analyzes the $8.1 billion US construction chemical industry, with forecasts for 2018 and 2023 by product and application. The study also evaluates company market share and profiles industry players.

#3239...............January 2015..................$5200

World Industrial & Institutional (I&I) Cleaning Chemicals

Global demand for I&I cleaning chemicals is projected to increase 4.3 percent per year to $46.3 billion in 2018. The fastest growth will occur in healthcare, due to a rise in the number of hospital stays and concerns about healthcare-associated infections (HAIs). China and the Asia/Pacific region will be the fastest growing markets. This study analyzes the $37.5 billion world I&I cleaning chemical industry, with forecasts for 2018 and 2023 by product, market, world region, and for 18 countries. The study also evaluates company market share and profiles industry participants.

#3207............November 2014................$6300

About The Freedonia Group

The Freedonia Group, Inc., is a leading international industry market research company that provides its clients with information and analysis needed to make informed strategic decisions for their businesses. Studies help clients identify business opportunities, develop strategies, make investment decisions and evaluate opportunities and threats. Freedonia research is designed to deliver unbiased views and reliable outlooks to assist clients in making the right decisions. Freedonia capitalizes on the resources of its proprietary in-house research team of experienced economists, professional analysts, industry researchers and editorial groups. Freedonia covers a diverse group of industries throughout the United States and other world markets. Industries analyzed by Freedonia include:

Automotive & Transport • Chemicals • Construction & Building Products • Consumer Goods • Energy & Petroleum • Industrial Components • Healthcare & Life Sciences • Machinery & Equipment • Metals, Minerals & Glass • Packaging • Plastics & Other Polymers • Security • Services • Textiles & Nonwovens • Water Treatment

Click here to learn more about Freedonia

Freedonia Custom Research

Freedonia Custom Research delivers the same high quality, thorough and unbiased assessment of an industry or market as an industry study. Since the research initiative is based upon a company's specific needs, companies harness Freedonia's research capabilities and resources to answer unique questions. When you leverage the results of a Freedonia Custom Research engagement, you are able to obtain important answers to specific questions and issues associated with: mergers and acquisitions, new product launches/development, geographic expansion, entry into new markets, strategic business planning, and investment and funding decisions.

Freedonia Custom Research is ideal for companies seeking to make a strategic difference in the status quo and focus on future business growth. Working side by side with clients, Freedonia's team is able to define a research project that is custom-tailored to answer specific questions and provide the basis from which a company can make informed business decisions.

Click here to learn more about Custom Research

Click here for complete title list

Click here to visit freedoniagroup.com

The Freedonia Group, Inc. • 767 Beta Drive • Cleveland, OH • 44143-2326 • USA • Website: www.freedoniagroup.com
Tel US: 800.927.5900 or +1 440.684.9600 • Fax: +1 440.646.0484 • Email: info@freedoniagroup.com