

[CLICK TO VIEW](#)

[Table of Contents 2](#)

[List of Tables & Charts 3](#)

[Study Overview 4](#)

[Sample Text, Table  
& Chart 5](#)

[Sample Profile  
& Tables 6](#)

[Order Form 7](#)

[About Freedonia, Custom  
Research, Related Studies,  
Corporate Use License 8](#)

# World Abrasives

---

Industry Study with Forecasts for **2013 & 2018**

---

Study #2592 | January 2010 | \$5800 | 422 pages

---

[www.freedoniagroup.com](http://www.freedoniagroup.com)



**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

E-mail: [info@freedoniagroup.com](mailto:info@freedoniagroup.com)

## Table of Contents

### EXECUTIVE SUMMARY

### MARKET ENVIRONMENT

General .....	4
World Economic Overview .....	5
Recent Historical Trends .....	5
World Economic Outlook .....	8
World Manufacturing Outlook .....	11
World Gross Fixed Investment Trends .....	14
World Motor Vehicle & Motorcycle Production .....	16
Pricing Patterns .....	20
Abrasive Properties .....	23
Technological Trends .....	26

### SUPPLY & DEMAND

General .....	29
Regional Overview .....	30
Demand .....	30
Production .....	36
International Trade .....	38
Demand by Product .....	40
Nonmetallic .....	41
Coated .....	43
Cloth .....	45
Paper & Other .....	46
Bonded .....	48
Conventional .....	49
Superabrasive .....	50
Loose Grains & Powders .....	52
Metallic .....	55
Demand by Market .....	57
Durable Goods Manufacturing .....	59
Machinery .....	61
Transportation Equipment .....	63
Fabricated Metals .....	65
Electrical & Electronic Equipment .....	68
Other .....	69
Cleaning & Maintenance .....	72
Other .....	74
Abrasive Raw Material Demand .....	76
Manufactured Minerals .....	79
Natural Minerals .....	80
Metallic Materials .....	81

### NORTH AMERICA

General .....	82
Abrasives Supply & Demand .....	83
Abrasives Outlook & Suppliers .....	86
United States .....	88
Canada .....	94
Mexico .....	100

### WESTERN EUROPE

General .....	106
Abrasives Supply & Demand .....	108
Abrasives Outlook & Suppliers .....	111
Germany .....	113

Italy .....	118
France .....	123
United Kingdom .....	129
Spain .....	134
Other Western Europe .....	140
Austria .....	147
Switzerland .....	148
Netherlands .....	149
All Other .....	150

### ASIA/PACIFIC

General .....	151
Abrasives Supply & Demand .....	153
Abrasives Outlook & Suppliers .....	156
China .....	158
Japan .....	164
South Korea .....	170
India .....	176
Thailand .....	182
Taiwan .....	187
Indonesia .....	192
Other Asia/Pacific .....	197

### OTHER REGIONS

Latin America .....	204
Brazil .....	210
Other Latin America .....	216
Eastern Europe .....	222
Russia .....	229
Other Eastern Europe .....	235
Poland .....	242
All Other .....	243
Africa/Mideast .....	244
Turkey .....	250
Other Africa/Mideast .....	255

### INDUSTRY STRUCTURE

General .....	262
Industry Composition .....	263
Market Share .....	266
Product Development & Manufacturing .....	268
Marketing & Distribution .....	271
Cooperative Agreements .....	273
Mergers & Acquisitions .....	276

### COMPANY PROFILES

Almatis GmbH .....	280
Asahi Diamond Industrial .....	282
August Rueggeberg .....	284
Bosch (Robert) GmbH .....	287
Cabot Microelectronics .....	290
Carborundum Universal .....	293
Church & Dwight .....	296
COMET umetni brusni in nekovine doo .....	299
Deerfos Company .....	301
DRONCO AG .....	303
Element Six .....	305
Ervin Industries .....	308
Fujimi Incorporated .....	310
Global Material Technologies .....	312

Henan Huanghe Whirlwind .....	315
Hermes Schleifmittel .....	317
HuBei Yuli Abrasive Belt Group .....	319
Husqvarna AB .....	321
Ijlin Diamond .....	325
Imerys SA .....	327
Jason Incorporated .....	330
Kinik Company .....	334
Klingspor AG .....	336
KWH Group .....	339
Luga Abrasive Plant .....	342
Nanyang Zhongnan Diamond .....	343
Nippon Resibon .....	345
Noritake Company .....	347
Saint-Gobain .....	350
SAIT Abrasivi .....	355
Sandvik AB .....	358
Sankyo Rikagaku .....	362
Shinhan Diamond Industrial .....	365
3M Company .....	367
TYROLIT Schleifmittelwerke Swarovski .....	371
Vereinigte Schmirgel-und Maschinen-Fabriken .....	375
Wheelabrator Allevard .....	377
Winterthur Technologie .....	381
Yicheng Silicon Carbide Products .....	386
Other Companies Mentioned in Study .....	387

## List of Tables/Charts

### EXECUTIVE SUMMARY

1 Summary Table .....	3
-----------------------	---

### MARKET ENVIRONMENT

1 World Gross Domestic Product by Region .....	11
2 World Manufacturing Value Added by Region	13
Cht World Manufacturing Value Added	
by Region, 2008 .....	14
3 World Gross Fixed Investment by Region .....	16
4 World Motor Vehicle & Motorcycle Production	
by Vehicle Type & Region .....	20
5 World Abrasives Price Deflators .....	22
Cht World Abrasives Pricing Trends, 1998-2018 ..	23
Cht Hardness of Selected Abrasives .....	25

### SUPPLY & DEMAND

1 World Abrasives Demand by Region .....	33
Cht World Abrasives Demand by Region, 2008 ..	34
Cht Increase in Annual Abrasives Demand	
from 2008 to 2013 by Region .....	34
Cht World Abrasives Demand Projected	
2008-2013 Annual Rate of Growth .....	35
2 World Abrasives Shipments by Region .....	37
Cht World Abrasives Shipments by Region, 2008 ..	38
3 World Abrasives Net Exports by Region .....	39
4 World Abrasives Demand by Product .....	40
Cht World Abrasives Demand by Product, 2008 ..	41
(continued on following page)	

## List of Tables/Charts

(continued from previous page)

5	World Nonmetallic Abrasives Demand by Product & Region .....	42
6	World Coated Abrasives Demand by Product & Region .....	44
7	World Bonded Abrasives Demand by Product & Region .....	49
8	World Loose Abrasive Grains & Powders Demand by Region .....	54
9	World Metallic Abrasives Demand by Region .....	57
10	World Abrasives Demand by Market .....	58
Cht	World Abrasives Demand by Market, 2008 .....	58
11	World Durable Goods Manufacturing Abrasives Demand by Market & Region .....	60
12	World Machinery Manufacturing Abrasives Demand by Region .....	62
13	World Transportation Equipment Manufacturing Abrasives Demand by Region .....	65
14	World Fabricated Metals Manufacturing Abrasives Demand by Region .....	67
15	World Electrical & Electronic Equipment Manufacturing Abrasives Demand by Region .....	69
16	World Demand for Abrasives Used in Other Durable Goods Manufacturing Markets by Region .....	71
17	World Cleaning & Maintenance Abrasives Demand by Region .....	73
18	World Demand for Abrasives Used in Other Markets by Region .....	76
19	World Abrasive Raw Material Demand by Type & Region .....	78
Cht	World Abrasive Raw Material Demand by Type, 2008 .....	79

## NORTH AMERICA

1	North America - Abrasives Supply & Demand	83
2	North America - Abrasives Demand by Product .....	85
Cht	North America - Abrasives Demand by Country, 2008 .....	86
3	North America - Abrasives Demand by Market .....	88
4	United States - Abrasives Supply & Demand .....	90
5	United States - Abrasives Demand by Product .....	92
6	United States - Abrasives Demand by Market .....	94
7	Canada - Abrasives Supply & Demand .....	96
8	Canada - Abrasives Demand by Product .....	98
9	Canada - Abrasives Demand by Market .....	99
10	Mexico - Abrasives Supply & Demand .....	101
11	Mexico - Abrasives Demand by Product .....	103
12	Mexico - Abrasives Demand by Market .....	105

## WESTERN EUROPE

1	Western Europe - Abrasives Supply & Demand .....	108
2	Western Europe - Abrasives Demand by Product .....	110

Cht	Western Europe - Abrasives Demand by Country, 2008 .....	111
3	Western Europe - Abrasives Demand by Market .....	112
4	Germany - Abrasives Supply & Demand .....	114
5	Germany - Abrasives Demand by Product .....	116
6	Germany - Abrasives Demand by Market .....	118
7	Italy - Abrasives Supply & Demand .....	120
8	Italy - Abrasives Demand by Product .....	121
9	Italy - Abrasives Demand by Market .....	123
10	France - Abrasives Supply & Demand .....	125
11	France - Abrasives Demand by Product .....	127
12	France - Abrasives Demand by Market .....	129
13	United Kingdom - Abrasives Supply & Demand .....	131
14	United Kingdom - Abrasives Demand by Product .....	132
15	United Kingdom - Abrasives Demand by Market .....	134
16	Spain - Abrasives Supply & Demand .....	136
17	Spain - Abrasives Demand by Product .....	138
18	Spain - Abrasives Demand by Market .....	140
19	Other Western Europe - Abrasives Supply & Demand .....	142
20	Other Western Europe - Abrasives Demand by Product .....	144
21	Other Western Europe - Abrasives Demand by Market .....	146
22	Other Western Europe - Abrasives Supply & Demand by Country .....	147

## ASIA/PACIFIC

1	Asia/Pacific - Abrasives Supply & Demand ..	153
2	Asia/Pacific - Abrasives Demand by Product	155
Cht	Asia/Pacific - Abrasives Demand by Country, 2008 .....	156
3	Asia/Pacific - Abrasives Demand by Market ..	157
4	China - Abrasives Supply & Demand .....	160
5	China - Abrasives Demand by Product .....	162
6	China - Abrasives Demand by Market .....	164
7	Japan - Abrasives Supply & Demand .....	166
8	Japan - Abrasives Demand by Product .....	168
9	Japan - Abrasives Demand by Market .....	170
10	South Korea - Abrasives Supply & Demand ..	172
11	South Korea - Abrasives Demand by Product .....	174
12	South Korea - Abrasives Demand by Market ..	176
13	India - Abrasives Supply & Demand .....	178
14	India - Abrasives Demand by Product .....	180
15	India - Abrasives Demand by Market .....	181
16	Thailand - Abrasives Supply & Demand .....	183
17	Thailand - Abrasives Demand by Product .....	185
18	Thailand - Abrasives Demand by Market .....	187
19	Taiwan - Abrasives Supply & Demand .....	189
20	Taiwan - Abrasives Demand by Product .....	190
21	Taiwan - Abrasives Demand by Market .....	192
22	Indonesia - Abrasives Supply & Demand .....	194
23	Indonesia - Abrasives Demand by Product ..	195
24	Indonesia - Abrasives Demand by Market ...	197
25	Other Asia/Pacific - Abrasives Supply & Demand .....	199
26	Other Asia/Pacific - Abrasives Demand by Product .....	201

27	Other Asia/Pacific - Abrasives Demand by Market .....	203
----	---	-----

## OTHER REGIONS

1	Latin America - Abrasives Supply & Demand .....	206
2	Latin America - Abrasives Demand by Product .....	208
3	Latin America - Abrasives Demand by Market .....	210
4	Brazil - Abrasives Supply & Demand .....	212
5	Brazil - Abrasives Demand by Product .....	214
6	Brazil - Abrasives Demand by Market .....	216
7	Other Latin America - Abrasives Supply & Demand .....	218
8	Other Latin America - Abrasives Demand by Product .....	220
9	Other Latin America - Abrasives Demand by Market .....	222
10	Eastern Europe - Abrasives Supply & Demand .....	224
11	Eastern Europe - Abrasives Demand by Product .....	226
Cht	Eastern Europe - Abrasives Demand by Country, 2008 .....	227
12	Eastern Europe - Abrasives Demand by Market .....	228
13	Russia - Abrasives Supply & Demand .....	231
14	Russia - Abrasives Demand by Product .....	233
15	Russia - Abrasives Demand by Market .....	235
16	Other Eastern Europe - Abrasives Supply & Demand .....	237
17	Other Eastern Europe - Abrasives Demand by Product .....	239
18	Other Eastern Europe - Abrasives Demand by Market .....	241
19	Other Eastern Europe - Abrasives Supply & Demand by Country .....	242
20	Africa/Mideast - Abrasives Supply & Demand .....	246
21	Africa/Mideast - Abrasives Demand by Product .....	248
22	Africa/Mideast - Abrasives Demand by Market .....	250
23	Turkey - Abrasives Supply & Demand .....	252
24	Turkey - Abrasives Demand by Product .....	253
25	Turkey - Abrasives Demand by Market .....	255
26	Other Africa/Mideast - Abrasives Supply & Demand .....	257
27	Other Africa/Mideast - Abrasives Demand by Product .....	259
28	Other Africa/Mideast - Abrasives Demand by Market .....	261

## INDUSTRY STRUCTURE

1	Revenue Data for Selected Abrasive Product Manufacturers, 2008 .....	265
Cht	World Abrasives Market Share by Company, 2008 .....	266
2	Selected Cooperative Agreements .....	274
3	Selected Acquisitions & Divestitures .....	278

*Abrasives demand growth in developing parts of Asia, the Africa/Mideast region, Eastern Europe and Latin America will considerably outperform demand in the US, Western Europe and Japan.*

## Global demand to climb 5.9% yearly through 2013

Global demand for abrasive products is forecast to climb 5.9 percent annually through 2013 to \$38.2 billion. Advances in developing parts of Asia, the Africa/Mideast region, Eastern Europe and Latin America will considerably outperform demand in the US, Western Europe and Japan. Product sales in developing countries will be fueled by healthy economic growth and ongoing industrialization efforts, leading to higher durable goods manufacturing output and fixed investment expenditures. In addition, rising standards of living in these areas will help stimulate consumer spending for goods made using abrasives. China, India and Russia will post some of the biggest sales gains. China will account for two-thirds of all additional product demand through 2013. Sales advances are also expected to be healthy in Indonesia and Thailand.

Market conditions will be much less favorable in developed parts of the world, dampened by relatively sluggish durable goods manufacturing activity. Abrasives demand in the US, Italy and France will expand less than one percent annually through 2013, while annual product sales are expected to decline in Germany, Japan and the UK. However, higher per capita incomes will result in increased consumer expenditures for a variety of products made using abrasives, providing some offsetting support. The sales outlook is somewhat stronger for Canada, South Korea and Spain due



to comparatively healthy growth in manufacturing output in these nations.

## Nonmetallic abrasives to outpace metallic products

Overall abrasives demand is dominated by nonmetallic products, which include bonded abrasives, coated abrasives, and loose abrasive grains and powders. Nonmetallic abrasives are also expected to register larger sales gains through 2013 than metallic products such as steel shot and grit, and wire brushes and wheels. Loose abrasive grains and powders will post the fastest increases of any major product type, bolstered by their use in several markets with above-average growth prospects, including

semiconductor manufacturing, and an ongoing trend toward the use of higher value products like specialty silica and synthetic diamond. Bonded abrasives demand will climb at the next fastest rate, benefitting from strong sales growth in China and other fast-growing developing markets where bonded abrasives account for the largest single share of sales, as well as by increased use of superabrasive products. However, coated abrasives will remain the biggest product category on a global basis, supported by an ongoing trend toward the use of more sophisticated manufacturing processes, in which products are machined closer to their final shape, boosting use of coated abrasives in finishing operations.

Copyright 2010 The Freedonia Group, Inc.

[Click here to purchase online](#)

## Sample Text, Table & Chart

### ASIA/PACIFIC

#### China: Abrasives Outlook & Suppliers

China's abrasives demand is projected to climb 13.3 percent through 2013, representing the fastest growth rate worldwide. Suppliers will benefit from investment and durable goods demand as efforts continue. Motor vehicle production is expected to expand at a healthy annual rate, surpassing Japan to become the world's largest. Honda's January 2010 announcement to build a 60,000-unit-per-year automobile factory in China is one example of the investments being made in this industry. In the metal product segment, a shift in demand toward more costly superabrasive types will help bolster dollar growth. Market advances will be dampened somewhat by price competition among abrasive product suppliers, limiting future value gains.

Abrasives shipments by facilities in China are also forecast to rise 12.5 percent annually through 2013 to \$14.5 billion. Output increases will be stimulated by robust domestic market conditions and additional investment in Chinese abrasives manufacturing operations by foreign companies. In July 2008, for example, Saint-Gobain officially opened its first coated abrasives factory in the nation in Suzhou. China's trade surplus in abrasive products will widen as well, due in large part to the pricing advantages that Chinese suppliers have over manufacturers in developed countries. However, aggressive competition from producers in other low-cost developing Asia/Pacific nations may limit Chinese industry output from rising at an even faster rate through 2013.

Although foreign investment is rising, much of the country's abrasives production continues to be accounted for by hundreds of small- to mid-sized domestic enterprises. Notable locally based manufacturers include Henan Huanghe Whirlwind, HuBei Yuli Abrasive Be...

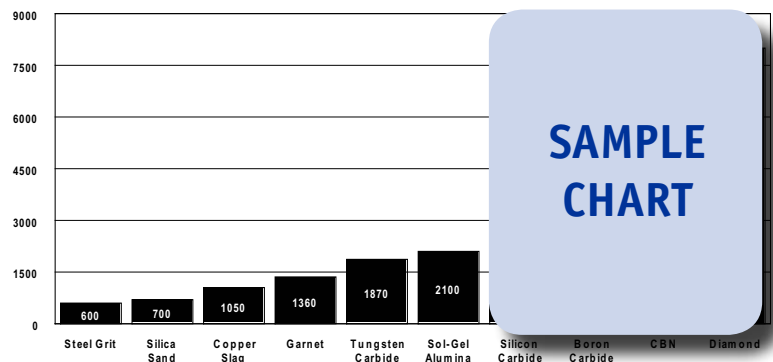
**TABLE VI-5**  
**CHINA - ABRASIVES DEMAND BY PRODUCT**  
 (million dollars)

Item	1998	2003	2008	2013	2018
Asia/Pacific Abrasives Demand					
% China					
China Abrasives Demand					
Nonmetallic:					
Coated					
Cloth					
Paper & Other					
Bonded					
Conventional					
Superabrasive					
Loose Grains & Powders					
Metallic					

**SAMPLE TABLE**

**CHART II-3**

**HARDNESS OF SELECTED ABRASIVES**  
 (Knoop Scale)



**SAMPLE CHART**

## Sample Profile & Tables

### COMPANY PROFILES

#### Ervin Industries Incorporated

3893 Research Park Drive  
 Ann Arbor, MI 48108  
 734-769-4600  
<http://www.ervinindustries.com>

Annual Sales:  
 Employment:

Key Products

Ervin Inc stainless steel shot for shotg

**SAMPLE PROFILE**

The Company participates in the world abrasives industry through the production and marketing of AMASTEEL cast steel shot and grit abrasives and AMACAST stainless steel shot abrasives. Among the applications for AMASTEEL and AMACAST abrasives are the cutting of granite and marble blocks via the use of a gang saw; and the removal of surface contaminants from steel foundry and metal products which are used as a blast cleaning medium, shot, grit or mixture. These abrasives can also be used in peening end uses to impart compressive strength to load-bearing metal parts, including automotive springs, crankshafts and turbine blades.

Ervin Industries' AMASTEEL cast steel shot and grit products are suitable for use in the automotive, aerospace, agriculture, construction, foundry, mining, office equipment, petrochemical, railroad, shipyard and stonecutting industries, among others. AMACAST stainless steel shot from the Company can be used in descaling, deburring, casting sand removal and other cleaning processes. These abrasives can also

308

Copyright 2009 The Freedonia Group

TABLE VI-4

CHINA ABRASIVES SUPPLY & DEMAND  
 (million dollars)

Item	1998	2003	2008	2013	2018
Population (million)	1217	1321	1430	1560	1707
per capita GDP	1000	1300	1600	1900	2200
Gross Domestic Product (bil 2007\$)	100	150	200	250	300
% mfg value added	15	15	15	15	15
Manufacturing Value Added (bil 2007\$)	15	22	30	37	45
\$ abrasives/mil \$ GDP	0.00015	0.00022	0.00030	0.00037	0.00045
\$ abrasives/capita	12	17	23	28	34
\$ abrasives/000\$ MVA	0.00012	0.00017	0.00023	0.00028	0.00034
Abrasives Demand	100	150	200	250	300
net exports	0	0	0	0	0
Abrasives Shipments	100	150	200	250	300
\$ raw materials/000\$ abrasives shpts	0.0003	0.0003	0.0003	0.0003	0.0003
Abrasive Raw Material Demand	30	45	60	75	90

**SAMPLE TABLE**

TABLE VI-6

CHINA ABRASIVES DEMAND BY MARKET  
 (million dollars)

Item	1998	2003	2008	2013	2018
Abrasives Demand	100	150	200	250	300
Durable Goods Manufacturing:	60	90	120	150	180
Machinery	10	15	20	25	30
Transportation Equipment	10	15	20	25	30
Fabricated Metals	10	15	20	25	30
Electrical & Electronic Equipment	10	15	20	25	30
Other Durable Goods	10	15	20	25	30
Cleaning & Maintenance	20	30	40	50	60
Other	20	30	40	50	60

**SAMPLE TABLE**

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, e-mail 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.2592

World Abrasives ..... \$5800

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 7.75% sales tax)

Bill my company American Express MasterCard Visa

Credit Card #

Expiration MM YY

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 \_\_\_\_\_

**OTHER STUDIES**

**Abrasives**

Demand for abrasives in the US is forecast to rise 4% annually through 2014. Durable goods manufacturing will remain the dominant market, with the motor vehicle segment growing the fastest. Nonmetallic coated and bonded abrasives and loose grains and powders will outperform metallic abrasives. This study analyzes the \$4.7 billion US abrasives industry, with forecasts for 2014 and 2019 by raw material, product and market. It also evaluates company market share and profiles industry players.

#2696 ..... October 2010 ..... \$4800

**World Specialty Silicas**

World specialty silicas demand will rise 6.3% yearly through 2014, driven by growth in key silica markets such as tires, rubber, chemicals and agricultural products. Precipitated silica will remain the dominant product type and lead gains. The Asia/Pacific region will grow at the fastest pace. This study analyzes the two million metric ton world specialty silica industry, with forecasts for 2014 and 2019 by product, market, world region and for 14 countries. It also evaluates company market share and profiles industry participants.

#2644 ..... June 2010 ..... \$5800

**World Mining Equipment**

Global mining equipment demand will rise 4.9% annually through 2013. Gains will be driven by rising demand for commodities such as iron ore and copper, and the ongoing thirst for energy sources such as coal. China will be the fastest growing market and the largest producer of mining equipment. This study analyzes the \$45.4 billion world mining equipment industry, with forecasts for 2013 and 2018 by application, product, world region and for 34 countries. It also evaluates market share and profiles industry players.

#2562 ..... November 2009 ..... \$5900

**World Power Tools**

Global demand for power tools is forecast to rise 3.7% per year through 2013. The US market will provide the best opportunities, reflecting a turnaround in the current housing crisis, continued enthusiasm for do-it-yourself projects and the introduction of improved products, especially cordless electric models. This study analyzes the world power tool industry, with forecasts for 2013 and 2018 by product, market, world region and for 25 countries. It also evaluates market share and profiles industry players.

#2514 ..... June 2009 ..... \$5700

**Specialty Silicas**

US specialty silica demand is projected to increase 3.7% annually through 2013, led by healthy advances in the large precipitated silica segment. The tire rubber market will expand at an above-average rate, reflecting greater use of precipitated silica in the production of "green" tires, which offer increased fuel efficiency and enhanced performance. This study analyzes the \$1.4 billion US specialty silica industry, with forecasts for 2013 and 2018 by product and market. It also evaluates company market share and profiles industry players.

#2491 ..... April 2009 ..... \$4600

**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, the emerging China market, and other world markets. Industries analyzed by Freedonia include:

- Chemicals • Plastics • Life Sciences • Packaging • Building Materials • Security & Electronics • Industrial Components & Equipment • Automotive & Transportation Equipment • Household Goods • Energy/Power Equipment

[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](http://www.freedoniagroup.com)