STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.

◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.

◆ To complement the organizations’ internal competitor information gathering efforts with strategic analysis, data interpretation and insight.

◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.

◆ To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.
Abstract

In 2012, China rubber auxiliary industry saw stable growth, with the annual output surging by 8.35% year-on-year to 820,500 tons, China Rubber Industry Association said, adding that the output of accelerant registered 297,300 tons and the antioxidant output 292,200 tons, respectively, up 9.8% year-on-year and 3.6% year-on-year, while the export volume amounted to 239,000 tons, accounting for 29.1% of the total output.

2013 continues to see an adverse economic dynamic, but there is a great possibility to witness vibrant domestic demand. Coupled with steady advance of automobile, tire and other downstream sectors, China rubber auxiliary industry is predicted to maintain a growth rate between 8.0%-9.0% all the year round.

At present, the two hit rubber auxiliary products, antioxidant and accelerant, collectively make up over 70% in China rubber auxiliary market, while others including insoluble sulfur, processing aids and bonding system auxiliaries stand at less than 30% market share.

Rubber Auxiliary Products Structure in China by Output, 2005-2013

The report touches on the status quo of the rubber auxiliary industry, highlights the market segments like antioxidant, accelerant, and insoluble sulfur, and analyzes 16 key companies at home and abroad.
China has a great many of large-sized rubber auxiliary producers including Jiangsu Sinorgchem Technology Co., Ltd., Shandong Sunshine Chemical Co., Ltd., Shandong Yanggu Huatai Chemical Co., Ltd., Kemai Chemical Co., Ltd. and Puyang Wiling Chemicals Co., Ltd.

Jiangsu Sinorgchem Technology Co., Ltd. boasts the world’s largest rubber antioxidant and intermediate maker, with the capacity of 100,000-ton 6PPD, 120,000-ton p-aminodiphenylamine (PADPA) and 10,000-ton IPPD. In 2012, Sinochem International Corporation took over 60.976% stake of Jiangsu Sinorgchem Technology Co., Ltd., making it become the majority shareholder.

Shandong Sunshine Chemical Co., Ltd. is equipped with a couple of product series including rubber antioxidant, rubber accelerator, rubber vulcanizing machine, and rubber pre-dispersants. In 2010-2012, the company accumulatively projected RMB124.7 million for technological innovation and product R&D, and developed new technologies of NS new products, DM-based new production technology, compound solvent process high-thermostable insoluble sulfur technology, etc.

Shandong Yanggu Huatai Chemical Co., Ltd. is the first listed rubber auxiliary company in China. The company’s intensive commissioning of scorch retarder CTP, accelerator NS, accelerator CBS, accelerator M, rubber masterbatch and insoluble sulfur as part of its long-term planning in 2012H2 will boost the business performance in 2013 considerably.
# Table of contents

1. **Overview of Rubber Auxiliary Industry**
   1.1 Definition and Classification
   1.2 Industrial Chain
      1.2.1 Upstream
      1.2.2 Downstream
   1.3 Import and Export
   1.4 Price Trends
      1.4.1 Prices of Raw Materials
      1.4.2 Prices of Main Products

2. **Development of Rubber Auxiliary Industry Worldwide**
   2.1 Development History
   2.2 Market Status
   2.3 Enterprise Status

3. **Development of Rubber Auxiliary Industry in China**
   3.1 Development Environment
   3.2 Development History
   3.3 Development Status
      3.3.1 Overview
      3.3.2 Enterprise Status
      3.3.3 Technology Status

4. **Rubber Auxiliary Market in China**
   4.1 Production
      4.1.1 Capacity
      4.1.2 Output
      4.1.3 Production Structure
   4.2 Demand
      4.2.1 Market Scale
   4.3 Import and Export
   4.4 Price Trends
      4.4.1 Prices of Raw Materials
      4.4.2 Prices of Main Products

5. **Market Segments of Rubber Auxiliary in China**
   5.1 Rubber Antioxidant
      5.1.1 Definition and Classification
      5.1.2 Production and Sales
      5.1.3 Main Products Market
   5.2 Rubber Accelerator
      5.2.1 Definition and Classification
      5.2.2 Production and Sales
      5.2.3 Main Products Market
   5.3 Rubber Processing Aids
      5.3.1 Definition and Classification
      5.3.2 Development Status
      5.3.3 Main Product Market
   5.4 Insoluble Sulfur

6. **Key Enterprises Worldwide**
   6.1 Flexsys
      6.1.1 Profile
      6.1.2 Operation
   6.2 Lanxess
   6.3 Chemtura
   6.4 Agrofert

7. **Key Enterprises in China**
   7.1 Shandong Yanggu Huatai Chemical Co., Ltd.
      7.1.1 Profile
      7.1.2 Operation
      7.1.3 Revenue Structure
      7.1.4 Key Projects
      7.1.5 R&D
   7.2 Jiangsu Sinorgchem Technology Co., Ltd.
   7.3 Shandong Sunshine Chemical Co., Ltd.
   7.4 Kemai Chemical Co., Ltd.
   7.5 SINOPEC Nanjing Chemical Industries Co., Ltd.
   7.6 Tianjin YiHua Chemical Co., Ltd.
   7.7 Northeast Auxiliary Chemical Industry Co., Ltd.
   7.8 Puyang Wiling Chemicals Co., Ltd.
   7.9 Wuhan Jinghe Chemical Co., Ltd.
   7.10 Nanjing Shuguang Chemical Group Co., Ltd.
   7.11 Jiangsu ATE Polymer Material Co., Ltd.
   7.12 Jiangxi Hengxingyuan Chemical Co., Ltd.

8. **Development Trends of Rubber Auxiliary in China**
   8.1 Industry Trends
   8.2 Product Trends
      8.2.1 Rubber Antioxidant
      8.2.2 Rubber Accelerator
      8.3 Technology Trends
Selected Charts

- Classification of Rubber Auxiliary
- Industrial Chain of Rubber Auxiliary
- Application Structure of Rubber Auxiliary in China
- Consumption of Rubber and Rubber Auxiliary Worldwide, 2005-2013
- Output of Rubber Auxiliary Worldwide, 2008-2012
- Joint Ventures and Main Products of Foreign Rubber Auxiliary Enterprises in China
- Anti-dumping Duty on Rubber Auxiliary of Main Countries Imposed by India
- Main Economic Indicators of Rubber Auxiliary Industry in China, 2010-2012
- TOP10 Enterprises of Rubber Auxiliaries in China by Sales, 2011-2012
- Key Enterprises of Rubber Auxiliaries by Product in China
- Capacity of Main Rubber Auxiliary Enterprises in China, 2012
- Output and YOY Growth of Rubber Auxiliaries in China, 2002-2013
- Product Structure of Rubber Auxiliaries in China, 2005-2013
- Output of Tire in China, 2005-2013
- Sales of Rubber Auxiliaries in China, 2008-2013
- Demand of Main Rubber Auxiliaries in China, 2015
- Export and Import of Main Rubber Auxiliaries, 2011-2012
- Average Price of Aniline in China, 2012-2013
- Average Price of Main Rubber Antioxidant Products in China, 2012-2013
- Average Price of Main Rubber Accelerator Products in China, 2012-2013
- Classification of Rubber Antioxidant
- Output of Rubber Antioxidant in China, 2002-2012
- Export and Import of Rubber Antioxidant in China, 2002-2013
- Import of Rubber Antioxidant by Country / Region, 2012
- Export of Rubber Antioxidant by Country / Region, 2012
• Apparent Consumption of Rubber Antioxidant in China, 2002-2012
• Output of Main Antioxidants in China, 2009-2012
• Production of Antioxidant 4020 and Antioxidant 4010NA Enterprises in China
• Output of Antioxidant 4020 and Antioxidant 4010NA in China, 2002-2012
• Key Foreign Enterprises and Products of Rubber Antioxidant 3100
• Key Enterprises and Products of Rubber Antioxidant 3100 in China
• Output of Antioxidant RD in China, 2002-2012
• Classification of Rubber Accelerator
• Output of Rubber Accelerator in China, 2002-2012
• Export and Import of Rubber Accelerator in China, 2002-2013
• Export of Rubber Accelerator by Country / Region, 2012
• Import of Rubber Accelerator by Country / Region, 2012
• Apparent Consumption of Rubber Accelerator in China, 2002-2012
• Output of Rubber Accelerator in China by Product, 2009-2012
• Output of Rubber Accelerator M in China, 2001-2012
• Output of Rubber Accelerator NS in China, 2001-2012
• Output of Rubber Accelerator CBS in China, 2001-2012
• Application and Component of Major Rubber Processing Aids
• Output of Rubber Processing Aids in China, 2009-2012
• Key Enterprises and Products of Rubber Processing Aids Worldwide
• Key Enterprises and Products of Rubber Processing Aids in China
• Insoluble Sulfur V.S Ordinary Vulcanizing Agent
• Output of Insoluble Sulfur in China, 2001-2012
• Key Foreign Enterprises of Insoluble Sulfur
Selected Charts

- Capacity of Rubber Insoluble Sulfur by Enterprises, 2013
- Ongoing and Upcoming Projects of Insoluble Sulfur in China, 2013
- Sales and Net Income of Lanxess, 2007-2013
- Business of Lanxess
- Sales of Lanxess by Business, 2009-2012
- Sales and Proportion of Lanxess by Region, 2011-2012
- Sales of Lanxess in China, 2009-2012
- Sales of Chemtura, 2007-2013
- Main Products and Brands of Chemtura
- Sales of Chemtura by Business, 2011-2012
- Revenue and Net Income of Yanggu Huatai, 2007-2013
- Output and Sales Volume and YOY Growth of Rubber Auxiliary of Yanggu Huatai, 2012
- Business Indicators of Yanggu Huatai Subsidiaries, 2012
- Operating Revenue and Proportion of Yanggu Huatai by Product, 2011-2012
- Operating Revenue and Proportion of Yanggu Huatai by Region, 2010-2012
- Progress of Fundraising and Investment Projects of Yanggu Huatai, 2012
- R&D Projects of Yanggu Huatai
- R&D Costs and % of Total Revenue of Yanggu Huatai, 2010-2012
- Domestic Subsidiaries of Jiangsu Sinorgchem
- Sales of Jiangsu Sinorgchem, 2009-2012
- Jiangsu Sinorgchem R&D Structure
- Product Structure of Sunshine Chemical
- Capacity of Sunshine Chemical by Product, 2007-2012
- Output of Sunshine Chemical by Product, 2007-2011
- Sales of Sunshine Chemical, 2007-2012
• Capacity of Kemai Chemical by Product
• Sales of Kemai Chemical, 2008-2012
• Sales of SINOPEC Nanjing Chemical Industries, 2009-2012
• Sales of Tianjin YiHua Chemical, 2007-2012
• Capacity of Main Products of Northeast Auxiliary Chemical Industry, 2012
• Main Products of Willing Chemicals
• Capacity of Willing Chemicals by Product, 2008-2011
• Sales of Willing Chemicals, 2008-2012
• Sales of Wuhan Jinghe Chemical, 2009-2012
• Subsidiaries and Main Businesses of Nanjing Shuguang Chemical Group
• Product Series of Jiangsu ATE Polymer
You can place your order in the following alternative ways:

1. Order online at www.researchinchina.com
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: report@researchinchina.com
4. Phone us at +86 10 82600828/ 82601561

Choose type of format
PDF (Single user license) .......... 2,100 USD
Hard copy .......................... 2,200 USD
PDF (Enterprisewide license) .......... 3,300 USD

※ Reports will be dispatched immediately once full payment has been received.
Payment may be made by wire transfer or credit card via PayPal.