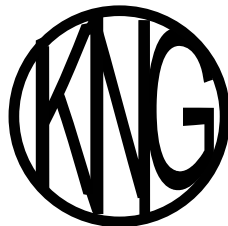

THE GLOBAL SEALANTS INDUSTRY

2011-2016

A Multiclient Study Prospectus

Kusumgar, Nerlfi & Growney is pleased to announce their newest technical and business multiclient market research study, **THE GLOBAL SEALANTS INDUSTRY**. This in-depth technical and economic analysis will provide subscribers with detailed information on sealant consumption by region, end use, and polymer type. Information on the supplier structure of sealant formulators by region/country will be provided. The study compliments several of our published reports including **THE GLOBAL ADHESIVES INDUSTRY** (2010), **ASIAN ADHESIVES & SEALANTS** (2009), **ADHESIVES IN DEVELOPING REGIONS** (2003), **GLOBAL PAINT & COATINGS** (2009), **THE ASIAN COATINGS INDUSTRY** (2005), and **GLOBAL COATING & INK ADDITIVES** (2010).

The study will characterize sealant consumption by end use and polymer type for base year 2011, and provide projections for usage in 2016. Materials, technologies, competitive dynamics, supplier structure, and industry concentration via mergers and acquisitions will be evaluated.



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INDUSTRY REBOUNDS SHARPLY

The global sealants industry has experienced strong growth since the 2008-2009 worldwide recession. Sealant consumption in 2011 is estimated at 3 billion pounds worth \$6 billion. Construction and automotive are the major outlets for sealants and their volume suffered a steep decline during the recession. The Asia-Pacific region saw only a minimal falloff in demand as continued growth in China and India offset the declines in the mature economies of Japan and South Korea. Europe and North American sealant volume declined by double digits during the recession. Global sealant growth is forecast at a 5-6% annual rate as volume in the Asia-Pacific region expands and European and North American markets continue their recovery.

The Asia-Pacific region consumed some 35% of the global sealant poundage in 2011 with China taking about 40% of the volume. Usage in China continues to expand at double digit rates. Japan is the second largest consumer in the region with just under one-quarter of the volume. The rebuilding effort from the devastating earthquake and Tsunami, and the recovery of the automotive industry, will increase sealant volumes in the future. India is currently a small consumer, but volume but is growing rapidly.

Europe is the second largest consumer of sealants with about 30% of the global volume, followed by North America with just over one-quarter of the total. Both regions have seen their automotive production rebound sharply. However the construction industries in Europe and North America continue to struggle. Growth in Eastern European countries is outpacing that of Western Europe.

South and Central American countries consumed about 5% of the sealant volume in 2011, with Brazil accounting for about half of the pounds. Brazil weathered the global recession better than most, and sealant volume is growing strongly as it prepares for the Olympics and soccer World Cup.

THE STUDY

THE GLOBAL SEALANTS INDUSTRY will characterize consumption in 2011 and estimate usage in 2016. The report will provide a comprehensive global analysis of sealants by region, end use and polymer type. An Executive Summary will give subscribers a concise, easy to read representation of individual region consumption, end use markets, and sealant types. A thorough business analysis will be provided which will include the sealant supplier structure. Mergers and acquisitions and new developments will be covered.

Subscribers will find **THE GLOBAL SEALANTS INDUSTRY** the definitive reference work. Current participants, and those contemplating entry, will find the study essential in their planning process. Firms contemplating introducing new materials and technologies will find the study particularly attractive. The report will accurately portray sealant consumption by region and selected countries, and provide critical insight into future developments.

METHODOLOGY

THE GLOBAL SEALANTS INDUSTRY will be based on interviews with formulators, raw material suppliers, end users, trade associations, and governmental agencies. Additionally, current literature, company web sites, government reports, etc. will be extensively reviewed and analyzed. Kusumgar, Nerlfi & Growney's extensive knowledge of the sealants industry, gained over the past three decades, insures an accurate and comprehensive report

COMPLETION

Kusumgar, Nerlfi & Growney plans on initiating research on **THE GLOBAL SEALANTS INDUSTRY** in the fourth quarter of 2011. Completion of the study is expected in the third quarter of 2012. The final study will be approximately 300-400 pages in length.

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OUR QUALIFICATIONS

Kusumgar, Nerlfi & Growney is a consulting firm specializing in market research and business analysis for the polymer and chemical industries. Members of the firm possess some 85 years of experience analyzing the coating, adhesive, sealant, and ink industries. Kusumgar, Nerlfi & Growney is dedicated to providing comprehensive and accurate information and insight on technology driven markets.

The information and analysis contained in **THE GLOBAL SEALANTS INDUSTRY** will be developed by Michael Growney, Steven Nerlfi and Minesh Kusumgar. No outside contractors will be employed. Our expertise has been gained from conducting over 35 multiclient, and numerous proprietary, studies.

ADDITIONAL SERVICES

Kusumgar, Nerlfi & Growney's current project is **THE U.S. PAINT & COATINGS INDUSTRY, 2011-2016**. The study will characterize coating consumption by end use, technology, and polymer type. A separate sections of the report analyzes coating polymers, pigments and solvents. Completion of the study is expected in early 2012.

Our newest study is **THE GLOBAL ADHESIVES INDUSTRY, 2009-2014**. This study provides detailed information on adhesive consumption by region, end use and adhesive type. Interested parties should contact Kusumgar, Nerlfi & Growney for brochures and additional information. Kusumgar, Nerlfi & Growney welcomes inquiries for projects of a proprietary nature.

SUBSCRIPTION INFORMATION

THE GLOBAL SEALANTS INDUSTRY is available through subscription. Completion of the study is expected in the third quarter of 2012. The price of the study is \$8,000 to early subscribers (before December 2011); \$10,000 to those subscribing while in progress; and \$12,000 for post publication subscription. Subscribers will receive three electronic (PDF) copies of the report. Additional copies are available for \$700 and a corporate use license is available for \$1,500. To subscribe, please complete the contract on the following page and return to Kusumgar, Nerlfi & Growney. For additional information please contact Kusumgar, Nerlfi & Growney at 201-773-0785 or nerfikng@cs.com. Additional information about Kusumgar, Nerlfi & Growney can be obtained at our web site: www.kusumgar-nerlfi-growney.com.

CONTRACT FOR THE GLOBAL SEALANTS INDUSTRY

KUSUMGAR, NERLFI & GROWNEY
45 Willow Street
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Please initiate our participation in **THE GLOBAL SEALANTS INDUSTRY**. We understand our subscription entitles us to three copies of the final report.

We agree that for a period of three years from publication to:

1. Not reproduce the study, in whole or in part, by any means.
2. Restrict use of the study to our own employees.
3. Prevent the disclosure of its contents, to the best of our ability, to any other firm or person.

We understand that we may disclose the contents of this study to any firm that we own more than half of, or to a company that maintains more than a half interest in our firm. We may use or disclose any information in the study which is public knowledge, in our possession before receiving the report, or that has been obtained from third parties, but not from this study.

Kusumgar, Nerlfi & Growney will take reasonable precautions to prevent disclosure of the contents of this study, except to subscribers, for a period of three years after it is issued.

We understand the fee for **THE GLOBAL SEALANTS INDUSTRY** is \$8,000 for early subscription; \$10,000 during progress; and \$12,000 after publication.

Kusumgar, Nerlfi & Growney will invoice us for the full amount upon acceptance of our participation, after a countersigned copy of this contract is returned to us for our records. We will pay this invoice within thirty days.

Accepted: Kusumgar, Nerlfi & Growney

Subscriber

Signature

Signature

Name

Name

Title

Title

Date

Date

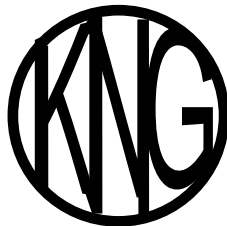
POLYMER AND CHEMICAL BUSINESS ANALYSIS AND MARKET RESEARCH

ADDITIONAL SERVICES

THE GLOBAL SEALANTS INDUSTRY is Kusumgar, Nerlfi & Growney's twentieth multiclient study. Studies immediately available, or scheduled for completion, include:

- **ADHESIVES IN DEVELOPING REGIONS**, December 2003
- **ADDITIVES, 2003-2008**, September 2004
- **THE ASIAN COATINGS INDUSTRY**, September 2005
- **RADIATION-CURED PRODUCTS, 2005-2010**, July 2006
- **THE U.S. PAINT & COATINGS INDUSTRY, 2006-2011**, September 2007
- **ASIAN COATING ADDITIVES**, May 2008
- **ASIAN PAINT & COATINGS**, September 2008
- **ASIAN ADHESIVES & SEALANTS**, March 2009
- **GLOBAL PAINT & COATINGS**, October 2009
- **GLOBAL COATING & INK ADDITIVES**, March 2010
- **THE GLOBAL ADHESIVES INDUSTRY**, September 2010
- **THE U.S. PAINT & COATINGS INDUSTRY**, Due Early 2012

Interested parties should contact Kusumgar, Nerlfi & Growney for subscription information. We also welcome inquires for projects of a proprietary nature.



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