

# Polyurethane Products and Chemicals in South America

https://marketpublishers.com/r/PC56CE2D55EEN.html

Date: February 2012

Pages: 339

Price: US\$ 9,200.00 (Single User License)

ID: PC56CE2D55EEN

# **Abstracts**

IAL Consultants is pleased to announce the publication of the fourth edition of its report on the polyurethane markets in South America.

Demand for polyurethane in South America has increased overall in line with rising living standards particularly in Argentina and Brazil.

The use of polyurethane in construction has been fuelled by two upcoming global sport events taking place in Brazil and the 2010 earthquake in Chile. Nonetheless, production continues facing competition from lower priced materials.

The geographic scope of the study is as follows:

Argentina
Brazil
Chile
Colombia
Peru
Venezuela
Rest of SA



The report has been extensively revised and the format is now closer to our EMEA study, for ease of comparison. The study includes a more comprehensive breakdown of the CASE markets in comparison to our previous editions.

This edition will include an excel spreadsheet of all the data contained in the report for purchasers of the full study.

Using the latest available information from official and industry sources the report summarises the production of polyurethane products and the associated demand for polyurethane chemicals. Research for this study was carried out in the second half of 2011. Data is provided for the year 2011, in addition to forecasts for 2016.



# **Contents**

#### 1. INTRODUCTION

- 1.1 SCOPE OF THE STUDY
- 1.2 METHODOLOGY
- 1.3 UNITS OF VOLUME
- 1.4 FORECASTS
- 1.5 FORMULATIONS
- 1.6 ABBREVIATIONS

#### 2. MARKET SUMMARY AND FORECASTS 2011-2016

- 2.1 SOUTH AMERICA PU PRODUCTION BY TYPE AND RELATED RAW MATERIAL CONSUMPTION
  - 2.1.1 Total South American PU Production by Type 2011-2016
  - 2.1.2 Flexible Foam
  - 2.1.3 Rigid Foam
  - 2.1.4 Coatings
  - 2.1.5 Adhesives
  - 2.1.6 Sealants
  - 2.1.7 Elastomers
  - 2.1.8 Binders
- 2.2 TOTAL RAW MATERIAL CONSUMPTION BY TYPE AND COUNTRY
- 2.3 MARKET TRENDS AND INFLUENCES

#### 3. MARKET REVIEW - RAW MATERIALS

- 3.1 INTRODUCTION
- 3.2 ISOCYANATES
  - 3.2.1 MDI

Technical Background

MDI Plant Capacities in South America

3.2.2 TDI

**Technical Background** 

TDI Plant Capacities in South America

3.2.3 Speciality Isocyanates

**Technical Background** 

Speciality Isocyanates Plant Capacities in South America



# 3.2.4 Consumption of Isocyanates by Product Sector

Total South America 2011-2016

Isocyanate Consumption in PU Flexible Foam Production 2011-2016

Isocyanate Consumption in PU Rigid Foam Production 2011-2016

Isocyanate Consumption in PU Coatings Production 2011-2016

Isocyanate Consumption in PU Adhesives Production 2011-2016

Isocyanate Consumption in PU Sealants Production 2011-2016

Isocyanate Consumption in PU Elastomers Production 2011-2016

Isocyanate Consumption in PU Binders Production 2011-2016

3.2.5 Market Trends and Influences – Isocyanates

#### 3.3 POLYOLS

# 3.3.1 Polyether Polyols

Technical Background

Polyether Polyols Plant Capacities in South America

## 3.3.2 Polyester Polyols

Technical Background

Polyester Polyols Plant Capacities in South America

# 3.3.3 Acrylic Polyols

Technical Background

# 3.3.4 Polyol Precursors

Technical Background

Polyol Precursors Plant Capacities in South America

#### 3.3.5 Natural Oil Polyols (Biopolyols)

Polyurethane Chemicals and Products in South America

Technical Background

Natural Oil Polyols in South America

# 3.3.6 Consumption of Polyols by Product Sector

Summary Total South America 2011-2016

Polyol Consumption in PU Flexible Foam Production 2011-2016

Polyol Consumption in PU Rigid Foam Production 2011-2016

Polyol Consumption in PU Coatings Production 2011-2016

Polyol Consumption in PU Adhesive Production 2011-2016

Polyol Consumption in PU Sealants Production 2011-2016

Polyol Consumption in PU Elastomers Production 2011-2016

Polyol Consumption in PU Binders Production 2011-2016

3.3.7 Market Trends and Influences - Polyols

#### 4. GEOGRAPHIC, DEMOGRAPHIC AND ECONOMIC DATA



#### 4.1 ARGENTINA

- 4.1.1 Geographic and Demographic Overview
- 4.1.2 Macro Economic Overview

#### 4.2 BOLIVIA

- 4.2.1 Geographic and Demographic Overview
- 4.2.2 Macro Economic Overview

#### 4.3 BRAZIL

- 4.3.1 Geographic and Demographic Overview
- 4.3.2 Macro Economic Overview

#### 4.4 CHILE

- 4.4.1 Geographic and Demographic Overview
- 4.4.2 Macro Economic Overview

#### 4.5 COLOMBIA

- 4.5.1 Geographic and Demographic Overview
- 4.5.2 Macro Economic Overview

#### 4.6 ECUADOR

- 4.6.1 Geographic and Demographic Overview
- 4.6.2 Macro Economic Overview

#### 4.7 PARAGUAY

- 4.7.1 Geographic and Demographic Overview
- 4.7.2 Macro Economic Overview

#### **4.8 PERU**

- 4.8.1 Geographic and Demographic Overview
- 4.8.2 Macro Economic Overview

#### 4.9 URUGUAY

- 4.9.1 Geographic and Demographic Overview
- 4.9.2 Macro Economic Overview

#### 4.10 VENEZUELA

- 4.10.1 Geographic and Demographic Overview
- 4.10.2 Macro Economic Overview
- 4.11 DEMOGRAPHICAL DATA AND ECONOMIC INDICATORS

#### 5. MARKET REVIEW - BY PRODUCT TYPE

## 5.1 TOTAL PRODUCTION OF PU FLEXIBLE FOAM IN SOUTH AMERICA

- 5.1.1 Introduction
- 5.1.2 Total Production of PU Flexible Foam and Related Raw Material Consumption
- in South America, 2011
  - 5.1.3 Forecast Total South America Production of PU Flexible Foam and Related



Raw Material Consumption, 2016

- 5.1.4 Total South America Production of PU Flexible Foam by Type and Country, 2011
- 5.1.5 Forecast Total South America Production of PU Flexible Foam by Type and Country, 2016
  - 5.1.6 Technical and Commercial Background Flexible Foam Slabstock Introduction

Polyether Slabstock

HR/CMHR Slabstock

Viscoelastic Foam (Memory Foam)

Polyester Slabstock

"Biofoam"

Polyurethane Chemicals and Products in South America

Rebond Foam

5.1.7 Technical and Commercial Background – Moulded Flexible Foam

**Automotive Seating** 

**Furniture Components** 

Carpet Backing and Sound Insulation Foam (NVH Foam)

Semi-rigid Foam

Integral Skin Foam

5.1.8 PU Flexible Foam – Market Review by Country

Argentina

Brazil

Chile

Colombia

Peru

Venezuela

Rest of South America

5.1.9 Market Trends and Influences

Argentina

Brazil

Chile

Colombia

Peru

Venezuela

Rest of South America

- 5.2 TOTAL PRODUCTION OF PU RIGID FOAM IN SOUTH AMERICA
  - 5.2.1 Introduction
  - 5.2.2 Total South America Production of PU Rigid Foam and Related Raw Material



### Consumption, 2011

- 5.2.3 Forecast Total South America Production of PU Rigid Foam and Related Raw Material Consumption, 2016
  - 5.2.4 Total South America Production of PU Rigid Foam by Type and Country, 2011
- 5.2.5 Forecast Total South America Production of PU Rigid Foam by Type and Country, 2016
  - 5.2.6 Technical Background Rigid Foam

Sandwich Panels

Slabstock

Sprayed Foams

In-Situ Refrigeration and Non-Refrigeration Applications

One-Component Foam (OCF)

Pipe-In-Pipe Insulation (Pre-Insulated Pipe)

5.2.7 PU Rigid Foam - Market Review by Country

Argentina

Brazil

Chile

Colombia

Peru

Venezuela

Rest of South America

5.2.8 Market Trends and Influences

Argentina

Brazil

Chile

Colombia

Peru

#### 5.3 TOTAL PRODUCTION OF PU COATINGS IN SOUTH AMERICA

- 5.3.1 Introduction
- 5.3.2 Total South America Production of PU Coatings and Related Raw Material Consumption, 2011
- 5.3.3 Forecast Total South America Production of PU Coatings and Related Raw Material Consumption, 2016
  - 5.3.4 Total South America Production of PU Coatings by Country and End-use, 2011
- 5.3.5 Forecast Total South America Production of PU Coatings by Country and Enduse, 2016
  - 5.3.6 Technical and Commercial Background

Raw Materials

5.3.7 PU Coatings – Market Review by Country



Argentina

Brazil

Chile

Colombia

Peru

Venezuela

Rest of South America

5.3.8 Market Trends and Influences

Argentina

Brazil

Chile

Colombia

Venezuela

# 5.4 TOTAL PRODUCTION OF PU ADHESIVES IN SOUTH AMERICA

- 5.4.1 Introduction
- 5.4.2 Total Production of PU Adhesives and Related Raw Material Consumption in South America, 2011
- 5.4.3 Forecast Total Production of PU Adhesives and Related Raw Material Consumption in South America, 2016
  - 5.4.4 Total South America Production of PU Adhesives by Type and Country, 2011
- 5.4.5 Forecast Total South America Production of PU Adhesives by Type and Country, 2016
  - 5.4.6 Technical and Commercial Background
  - 5.4.7 PU Adhesives Market Review by Country

Brazil

Chile

5.4.8 Market Trends and Influences

Brazil

Chile

# 5.5 TOTAL PRODUCTION OF PU SEALANTS IN SOUTH AMERICA

- 5.5.1 Introduction
- 5.5.2 Total South America Production of PU Sealants and Related Raw Material Consumption, 2011
- 5.5.3 Forecast Total South America Production of PU Sealants and Related Raw Material Consumption, 2016
  - 5.5.4 Total South America Production of PU Sealants by Type and Country, 2011
- 5.5.5 Forecast Total South America Production of PU Sealants by Type and Country, 2016
  - 5.5.6 Technical and Commercial Background



5.5.7 PU Sealants – Market Review by Country

Brazil

5.5.8 Market Trends and Influences

Brazil

- 5.6 TOTAL PRODUCTION OF PU ELASTOMERS IN SOUTH AMERICA
  - 5.6.1 Introduction
- 5.6.2 Total South America PU Elastomer Production and Related Raw Material Consumption, 2011
- 5.6.3 Forecast Total South America PU Elastomer Production and Related Raw Material Consumption, 2016
  - 5.6.4 Total South America Production of PU Elastomers by Type and Country, 2011
- 5.6.5 Forecast Total South America Production of PU Elastomers by Type and Country, 2016
  - 5.6.6 Technical and Commercial Background

Solid Elastomers

Microcellular Elastomers

5.6.7 PU Elastomers – Market Review by Country

Argentina

Brazil

Chile

Colombia

Venezuela

Rest of South America

5.6.8 Market Trends and Influences

Argentina

Brazil

Chile

Colombia

- 5.7 TOTAL PRODUCTION OF PU BINDERS IN SOUTH AMERICA
  - 5.7.1 Introduction
- 5.7.2 Total South America Production of PU Binders and Related Raw Material Consumption, 2011
- 5.7.3 Forecast Total South America Production of PU Binders and Related Raw Material Consumption, 2016
  - 5.7.4 Total South America Production of PU Binders by Type and Country, 2011
- 5.7.5 Forecast Total South America Production of PU Binders by Type and Country, 2016
  - 5.7.6 Technical and Commercial Background

**Forest Products** 



Foundry Core

Rubber Crumb

Others

5.7.7 PU Binders - Market Review by Country

Brazil

Chile

5.7.8 Market Trends and Influences

Brazil

Chile

#### 6. MAJOR REVIEW BY END-USE SECTOR

#### 6.1 BUILDING AND CONSTRUCTION

6.1.1 Industry Overview

Argentina

Brazil

Chile

Colombia

Venezuela

Peru

- 6.1.2 Production of Polyurethane for Construction Applications
- 6.1.3 Trends and Issues Affecting the Building and Construction Industry

#### **6.2 AUTOMOTIVE**

6.2.1 Industry Overview

Argentina

Brazil

Chile

Colombia

Venezuela

- 6.2.2 Production of Polyurethane for Automotive Applications
- 6.2.3 Trends and Issues Affecting the Automotive Industry

#### 6.3 REFRIGERATION

6.3.1 Industry Overview

Argentina

Brazil

Chile

Colombia

Venezuela

6.3.2 Production of Polyurethane for Refrigeration Applications



# 6.3.3 Trends and Issues Affecting the Refrigeration Industry

#### **6.4 FOOTWEAR**

6.4.1 Industry Overview

Argentina

Brazil

Chile

Colombia

- 6.4.2 Production of Polyurethane for Footwear Applications
- 6.4.3 Trends and Issues Affecting the Footwear Industry

# 6.5 FURNITURE AND BEDDING

6.5.1 Industry Overview

Argentina

Brazil

Chile

Colombia

Peru

- 6.5.2 Production of Polyurethane for Furniture and Bedding Applications
- 6.5.3 Trends and Influences Affecting the Furniture and Bedding Industry

# 7. DIRECTORY OF RAW MATERIAL SUPPLIERS AND POLYURETHANE PROCESSORS

#### 7.1 FLEXIBLE FOAM - MOULDED

- 7.1.1 Argentina
- 7.1.2 Brazil
- 7.1.3 Chile
- 7.1.4 Peru
- 7.1.5 Venezuela
- 7.2 FLEXIBLE FOAM RIGID
  - 7.2.1 Argentina
  - 7.2.2 Brazil
  - 7.2.3 Chile
  - 7.2.4 Colombia
  - 7.2.5 Peru
  - 7.2.6 Venezuela
- 7.3 RIGID FOAM
  - 7.3.1 Argentina
  - 7.3.2 Brazil
  - 7.3.3 Chile



- 7.3.4 Colombia
- 7.3.5 Peru
- 7.3.6 Uruguay
- 7.3.7 Venezuela
- 7.4 COATINGS
  - 7.4.1 Argentina
  - 7.4.2 Bolivia
  - 7.4.3 Brazil
  - 7.4.4 Chile
  - 7.4.5 Colombia
  - 7.4.6 Paraguay
  - 7.4.7 Peru
  - 7.4.8 Uruguay
- 7.4.9 Venezuela
- 7.5 ADHESIVES AND SEALANTS
  - 7.5.1 Brazil
- 7.6 ELASTOMERS
  - 7.6.1 Argentina
  - 7.6.2 Brazil
  - 7.6.3 Chile
  - 7.6.4 Venezuela
- 7.7 BINDERS
  - 7.7.1 Brazil
  - 7.7.2 Chile
- 7.8 ISOCYANATES
  - 7.8.1 Argentina
  - 7.8.2 Brazil
- 7.9 POLYOLS
  - 7.9.1 Argentina
  - 7.9.2 Brazil
  - 7.9.3 Chile
  - 7.9.4 Colombia
  - 7.9.5 Venezuela

## 8. SOURCES OF INFORMATION

- 8.1 CHEMICALS AND PLASTICS ASSOCIATIONS
- 8.2 PAINT AND COATINGS ASSOCIATIONS
- 8.3 FOOTWEAR INDUSTRY ASSOCIATIONS



- 8.4 AUTOMOTIVE INDUSTRY ASSOCIATIONS
- 8.5 REFRIGERATION INDUSTRY ASSOCIATIONS
- 8.6 CONSTRUCTION INDUSTRY ASSOCIATIONS
- 8.7 FURNITURE AND BEDDING INDUSTRY ASSOCIATIONS



# **List Of Tables**

# **LIST OF TABLES**

- 1. INTRODUCTION
- 1.1 SCOPE OF THE STUDY
- 1.2 METHODOLOGY
- 1.3 UNITS OF VOLUME
- 1.4 FORECASTS
- 1.5 FORMULATIONS

Flexible Foam: Raw Material Formulations Used (% w/w) Rigid Foam: Raw Material Formulations Used (% w/w) PU Coatings: Raw Material Formulations Used (% w/w) PU Adhesives: Raw Material Formulations Used (% w/w) PU Sealants: Raw Material Formulations Used (% w/w) Elastomers: Raw Material Formulations Used (% w/w) Binders: Raw Material Formulations Used (% w/w)

1.6 ABBREVIATIONS

List of Abbreviations Used

- 2. MARKET SUMMARY AND FORECASTS 2011-2016
- 2.1 SOUTH AMERICA PU PRODUCTION BY TYPE AND RELATED RAW MATERIAL CONSUMPTION

Total South American Production of All PU Products and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South American Production of All PU Products and Related Raw Material Consumption, 2016 (Tonnes)

Forecast Total South American Production of All PU Products and Related Raw Material Consumption, 2011-2016 (% Growth p.a.)

Total South American Production of PU Flexible Foam and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South American Production of PU Flexible Foam and Related Raw Material Consumption, 2016 (Tonnes)

Forecast Total South American Production of PU Flexible Foam and Related Raw Material Consumption, 2011-2016 (% Growth p.a.)

Total South American Production of PU Rigid Foam and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South American Production of PU Rigid Foam and Related Raw Material Consumption, 2016 (Tonnes)

Forecast Total South American Production of PU Rigid Foam and Related Raw Material



Consumption, 2011-2016 (% Growth p.a.)

Total South American Production of PU Coatings and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South American Production of PU Coatings and Related Raw Material Consumption, 2016 (Tonnes)

Forecast Total South American Production of PU Coatings and Related Raw Material Consumption, 2011-2016 (% Growth p.a.)

Total South American Production of PU Adhesives and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South American Production of PU Adhesives and Related Raw Material Consumption, 2016 (Tonnes)

Forecast Total South American Production of PU Adhesives and Related Raw Material Consumption, 2011-2016 (% Growth p.a.)

Total South American Production of PU Sealants and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South American Production of PU Sealants and Related Raw Material Consumption, 2016 (Tonnes)

Forecast Total South American Production of PU Sealants and Related Raw Material Consumption, 2011-2016 (% Growth p.a.)

Total South American Production of PU Elastomers and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South American Production of PU Elastomers and Related Raw Material Consumption, 2016 (Tonnes)

Forecast Total South American Production of PU Elastomers and Related Raw Material Consumption, 2011-2016 (% Growth p.a.)

Total South American Production of PU Binders and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South American Production of PU Binders and Related Raw Material Consumption, 2016 (Tonnes)

Forecast Total South American Production of PU Binders and Related Raw Material Consumption, 2011-2016 (% Growth p.a.)

2.2 TOTAL RAW MATERIAL CONSUMPTION BY TYPE AND COUNTRY

Total South American PU Raw Material Consumption by Country, 2011 (Tonnes) Forecast Total South American PU Raw Material Consumption by Country, 2016

(Tonnes)

Forecast Total South American PU Raw Material Consumption by Country, 2011–2016 (% Growth p.a.)

- 2.3 MARKET TRENDS AND INFLUENCES
- 3. MARKET REVIEW RAW MATERIALS



#### 3.1 INTRODUCTION

#### 3.2 ISOCYANATES

MDI Production Capacity in South America, 2011 (Tonnes)

TDI Production Capacity in South America, 2011 (Tonnes)

HDI Production Capacity in South America, 2011 (Tonnes)

Total South American Production of All PU Products and Related Isocyanate Consumption, 2011 (Tonnes)

Forecast Total South American Production of All PU Products and Related Isocyanate Consumption, 2016 (Tonnes)

Forecast Total South American Production of All PU Products and Related Isocyanate Consumption, 2011-2016 (% Growth p.a.)

Total South American Production of PU Flexible Foam and Related Isocyanate Consumption, 2011 (Tonnes)

Forecast Total South American Production of PU Flexible Foam and Related Isocyanate Consumption, 2016 (Tonnes)

Forecast Total South American Production of PU Flexible Foam and Related Isocyanate Consumption, 2011-2016 (% Growth p.a.)

Total South American PU Rigid Foam Production and Related Isocyanate Consumption, 2011 (Tonnes)

Forecast Total South American PU Rigid Foam Production and Related Isocyanate Consumption, 2016 (Tonnes)

Forecast Total South American PU Rigid Foam Production and Related Isocyanate Consumption, 2011-2016 (% Growth p.a.)

Total South American PU Coatings Production and Related Isocyanate Consumption, 2011 (Tonnes)

Forecast Total South American PU Coatings Production and Related Isocyanate Consumption, 2016 (Tonnes)

Forecast Total South American PU Coatings Production and Related Isocyanate Consumption, 2011-2016 (% Growth p.a.)

Total South American PU Adhesives Production and Related Isocyanate Consumption, 2011 (Tonnes)

Forecast Total South American PU Adhesives Production and Related Isocyanate Consumption, 2016 (Tonnes)

Forecast Total South American PU Adhesives Production and Related Isocyanate Consumption, 2011-2016 (% Growth p.a.)

Total South American PU Sealants Production and Related Isocyanate Consumption, 2011 (Tonnes)

Forecast Total South American PU Sealants Production and Related Isocyanate Consumption, 2016 (Tonnes)



Forecast Total South American PU Sealants Production and Related Isocyanate Consumption, 2011-2016 (% Growth p.a.)

Total South American PU Elastomers Production and Related Isocyanate Consumption, 2011 (Tonnes)

Forecast Total South American PU Elastomers Production and Related Isocyanate Consumption, 2016 (Tonnes)

Forecast Total South American PU Elastomers Production and Related Isocyanate Consumption, 2011-2016 (% Growth p.a.)

Total South American PU Binders Production and Related Isocyanate Consumption, 2011 (Tonnes)

Forecast Total South American PU Binders Production and Related Isocyanate Consumption, 2016 (Tonnes)

Forecast Total South American PU Binders Production and Related Isocyanate Consumption, 2011-2016 (% Growth p.a.)

3.3 POLYOLS

Polyether Polyols Production Capacity in South America, 2011 (Tonnes)

Polyester Polyols Production Capacity in South America, 2011 (Tonnes)

Propylene Oxide Production Capacity in South America, 2011 (Tonnes)

Total South American Production of All PU Products and Related Polyol Consumption, 2011 (Tonnes)

Forecast Total South America Production of All PU Products and Related Polyol Consumption, 2016 (Tonnes)

Forecast Total South America Production of All PU Products and Related Polyol Consumption, 2011-2016 (% Growth p.a.)

Total South America PU Flexible Foam Production and Related Polyol Consumption, 2011 (Tonnes)

Forecast Total South America PU Flexible Foam Production and Related Polyol Consumption, 2016 (Tonnes)

Forecast Total South America PU Flexible Foam Production and Related Polyol Consumption, 2011-2016 (% Growth p.a.)

Total South America PU Rigid Foam Production and Related Polyol Consumption, 2011 (Tonnes)

Forecast South America PU Rigid Foam Production and Related Polyol Consumption, 2016 (Tonnes)

Forecast South America PU Rigid Foam Production and Related Polyol Consumption, 2011-2016 (% Growth p.a.)

Total South America PU Coatings Production and Related Polyol Consumption, 2011 (Tonnes)

Forecast South America PU Coatings Production and Related Polyol Consumption,



2016 (Tonnes)

Forecast South American PU Coatings Production and Related Polyol Consumption, 2011-2016 (% Growth p.a.)

Total South America PU Adhesives Production and Related Polyol Consumption, 2011 (Tonnes)

Forecast Total South America PU Adhesives Production and Related Polyol Consumption, 2016 (Tonnes)

Forecast Total South America PU Adhesives Production and Related Polyol Consumption, 2011-2016 (% Growth p.a.)

Total South America PU Sealants Production and Related Polyol Consumption, 2011 (Tonnes)

Forecast Total South America PU Sealants Production and Related Polyol Consumption, 2016 (Tonnes)

Forecast Total South America PU Sealants Production and Related Polyol Consumption, 2011-2016 (% Growth p.a.)

Total South America PU Elastomers Production and Related Polyol Consumption, 2011 (Tonnes)

Forecast Total South America PU Elastomers Production and Related Polyol Consumption, 2016 (Tonnes)

Forecast Total South America PU Elastomers Production and Related Polyol Consumption, 2011-2016 (% Growth p.a.)

Total South America PU Binders Production and Related Polyol Consumption, 2011 (Tonnes)

Forecast Total South America PU Binders Production and Related Polyol Consumption, 2016 (Tonnes)

Forecast Total South America PU Binders Production and Related Polyol Consumption, 2011-2016 (% Growth p.a.)

- 4. GEOGRAPHIC, DEMOGRAPHIC AND ECONOMIC DATA
- 4.1 ARGENTINA
- 4.2 BOLIVIA
- 4.3 BRAZIL
- 4.4 CHILE
- 4.5 COLOMBIA
- 4.6 ECUADOR
- 4.7 PARAGUAY
- **4.8 PERU**
- 4.9 URUGUAY
- 4.10 VENEZUELA
- 4.11 DEMOGRAPHICAL DATA AND ECONOMIC INDICATORS



Gross National Income, GDP and GDP/Capita for South America, by Country, Billion US Dollars (2011 est.)

Growth of GDP in South America, 200Table 959-2011 (% Growth p.a.) (Based upon US dollar figures at constant prices of 2000)

5. MARKET REVIEW - BY PRODUCT TYPE

5.1 TOTAL PRODUCTION OF PU FLEXIBLE FOAM IN SOUTH AMERICA

Total Production of PU Flexible Foam in South America in 2011 and Forecast Growth to 2016 (Tonnes and % Growth p.a.)

Leading Producers of Polyether/Polyester Slabstock in South America by Country, 2011 (Tonnes)

Leading Producers of Moulded Foam in South America by Country, 2011 (Tonnes)

Total South American PU Flexible Foam Production and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South America PU Flexible Foam Production and Related Raw Material Consumption, 2016 (Tonnes)

Total South American Flexible Foam Production by Type and Country, 2011 (Tonnes) Forecast Total South American Flexible Foam Production by Type and Country, 2016 (Tonnes)

PU Flexible Slabstock Production in 2011 (Tonnes), Forecast Production to 2016 (Tonnes) and Forecast Growth per Annum (%)

PU Flexible Foam Production and Related Raw Material Consumption in Argentina, 2011 (Tonnes)

Forecast PU Flexible Foam Production and Related Raw Material Consumption in Argentina, 2016 (Tonnes)

Forecast Growth in PU Flexible Foam Production in Argentina, 2011-2016 (Tonnes and % Growth p.a.)

PU Flexible Foam Production and Related Raw Material Consumption in Brazil, 2011 (Tonnes)

Forecast PU Flexible Foam Production and Related Raw Material Consumption in Brazil, 2016 (Tonnes)

Forecast Growth in PU Flexible Foam Production in Brazil, 2011-2016 (Tonnes and % Growth p.a.)

PU Flexible Foam Production and Related Raw Material Consumption in Chile, 2011 (Tonnes)

Forecast PU Flexible Foam Production and Related Raw Material Consumption in Chile, 2016 (Tonnes)

Forecast Growth in PU Flexible Foam Production in Chile, 2011-2016 (Tonnes and % Growth p.a.)

PU Flexible Foam Production and Related Raw Material Consumption in Colombia,



2011 (Tonnes)

Forecast PU Flexible Foam Production and Related Raw Material Consumption in Colombia, 2016 (Tonnes)

Forecast Growth in PU Flexible Foam Production in Colombia, 2011-2016 (Tonnes and % Growth p.a.)

PU Flexible Foam Production and Related Raw Material Consumption in Peru, 2011 (Tonnes)

Forecast PU Flexible Foam Production and Related Raw Material Consumption in Peru, 2016 (Tonnes)

Forecast Growth in PU Flexible Foam Production in Peru, 2011-2016 (Tonnes and % Growth p.a.)

PU Flexible Foam Production and Related Raw Material Consumption in Venezuela, 2011 (Tonnes)

Forecast PU Flexible Foam Production and Related Raw Material Consumption in Venezuela, 2016 (Tonnes)

Forecast Growth in PU Flexible Foam Production in Venezuela, 2011-2016 (Tonnes and % Growth p.a.)

PU Flexible Foam Production and Related Raw Material Consumption in the Rest of South America, 2011 (Tonnes)

Forecast PU Flexible Foam Production and Related Raw Material Consumption in the Rest of South America, 2016 (Tonnes)

Forecast Growth in PU Flexible Foam Production in the Rest of South America, 2011-2016 (Tonnes and % Growth p.a.)

5.2 TOTAL PRODUCTION OF PU RIGID FOAM IN SOUTH AMERICA

Total Forecast Growth in Production of PU Rigid Foam in South America by Type, 2011-2016 (Tonnes and % Growth p.a.)

Total South America PU Rigid Foam Production and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South America PU Rigid Foam Production and Related Raw Material Consumption, 2016 (Tonnes)

South American PU Rigid Foam Production by Type and Country, 2011 (Tonnes) Forecast South American PU Rigid Foam Production by Type and Country, 2016 (Tonnes)

Major Producers of Continuous/Discontinuous Polyurethane Panels in South America by Country, 2011

Major Producers of In-Situ Polyurethane Foam in South America by Country, 2011 PU Rigid Foam Production and Related Raw Material Consumption in Argentina, 2011 (Tonnes)

Forecast PU Rigid Foam Production and Related Raw Material Consumption in



Argentina, 2016 (Tonnes)

Forecast Growth in PU Rigid Foam Production in Argentina, 2011-2016 (Tonnes and % Growth p.a.)

PU Rigid Foam Production and Related Raw Material Consumption in Brazil, 2011 (Tonnes)

Forecast PU Rigid Foam Production and Related Raw Material Consumption in Brazil, 2016 (Tonnes)

Forecast Growth in PU Rigid Foam Production in Brazil, 2011-2016 (Tonnes and % Growth p.a.)

PU Rigid Foam Production and Related Raw Material Consumption in Chile, 2011 (Tonnes)

Forecast PU Rigid Foam Production and Related Raw Material Consumption in Chile, 2016 (Tonnes)

Forecast Growth in PU Rigid Foam Production in Chile, 2011-2016 (Tonnes and % Growth p.a.)

PU Rigid Foam Production and Related Raw Material Consumption in Colombia, 2011 (Tonnes)

Forecast PU Rigid Foam Production and Related Raw Material Consumption in Colombia, 2016 (Tonnes)

Forecast Growth in PU Rigid Foam Production in Colombia, 2011-2016 (Tonnes and % Growth p.a.)

PU Rigid Foam Production and Related Raw Material Consumption in Peru, 2011 (Tonnes)

Forecast PU Rigid Foam Production and Related Raw Material Consumption in Peru, 2016 (Tonnes)

Forecast Growth in PU Rigid Foam Production in Peru, 2011-2016 (Tonnes and % Growth p.a.)

PU Rigid Foam Production and Related Raw Material Consumption in Venezuela, 2011 (Tonnes)

Forecast PU Rigid Foam Production and Related Raw Material Consumption in Venezuela, 2016 (Tonnes)

Forecast Growth in PU Rigid Foam Production in Venezuela, 2011-2016 (Tonnes and % Growth p.a.)

PU Rigid Foam Production and Related Raw Material Consumption in the Rest of South America, 2011 (Tonnes)

Forecast PU Rigid Foam Production and Related Raw Material Consumption in the Rest of South America, 2016 (Tonnes)

Forecast Growth in PU Rigid Foam Production in the Rest of South America, 2011-2016 (Tonnes and % Growth p.a.)



# 5.3 TOTAL PRODUCTION OF PU COATINGS IN SOUTH AMERICA

Forecast Growth in South America PU Coatings Production, 2011-2016 (Tonnes and % Growth p.a.)

Major Producers of Polyurethane Coatings in South America by Country, 2011 Total South American PU Coatings Production and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South American PU Coatings Production and Related Raw Material Consumption, 2016 (Tonnes).

Total South American PU Coatings Production by Country and End-use, 2011 (Tonnes) Forecast South American PU Coatings Production by Country and End-use, 2016 (Tonnes)

PU Coatings Production and Related Raw Material Consumption in Argentina, 2011 (Tonnes)

Forecast PU Coatings Production and Related Raw Material Consumption in Argentina, 2016 (Tonnes)

Forecast Growth in PU Coatings Production in Argentina, 2011-2016 (Tonnes and % Growth p.a.)

PU Coatings Production and Related Raw Material Consumption in Brazil, 2011 (Tonnes)

Forecast PU Coatings Production and Related Raw Material Consumption in Brazil, 2016 (Tonnes)

Forecast Growth in PU Coatings Production in Brazil, 2011-2016 (Tonnes and % Growth p.a.)

PU Coatings Production and Related Raw Material Consumption in Chile, 2011 (Tonnes)

Forecast PU Coatings Production and Related Raw Material Consumption in Chile, 2016 (Tonnes)

Forecast Growth in PU Coatings Production in Chile, 2011-2016 (Tonnes and % Growth p.a.)

PU Coatings Production and Related Raw Material Consumption in Colombia, 2011 (Tonnes)

Forecast PU Coatings Production and Related Raw Material Consumption in Colombia, 2016 (Tonnes)

Forecast Growth in PU Coatings Production in Colombia, 2011-2016 (Tonnes and % Growth p.a.)

PU Coatings Production and Related Raw Material Consumption in Venezuela, 2011 (Tonnes)

Forecast PU Coatings Production and Related Raw Material Consumption in Venezuela, 2016 (Tonnes)



Forecast Growth in PU Coatings Production in Venezuela, 2011-2016 (Tonnes and % Growth p.a.)

5.4 TOTAL PRODUCTION OF PU ADHESIVES IN SOUTH AMERICA

Forecast Growth in South America PU Adhesives Production, 2011-2016 (Tonnes and % Growth p.a.)

Total South America PU Adhesive Production and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South America PU Adhesive Production and Related Raw Material Consumption, 2016 (Tonnes)

Total South America PU Adhesive Production by Type and Country, 2011 (Tonnes) Forecast Total South America PU Adhesive Production by Type and Country, 2016 (Tonnes)

Market Applications of Polyurethane Adhesives

PU Adhesive Production and Related Raw Material Consumption in Brazil, 2011 (Tonnes)

Forecast PU Adhesive Production and Related Raw Material Consumption in Brazil, 2016 (Tonnes)

Forecast Growth in PU Adhesive Production in Brazil, 2011-2016 (Tonnes and % Growth p.a.)

PU Adhesive Production and Related Raw Material Consumption in Chile, 2011 (Tonnes)

Forecast PU Adhesive Production and Related Raw Material Consumption in Chile, 2016 (Tonnes)

Forecast Growth in PU Adhesive Production in Chile, 2011-2016 (Tonnes and % Growth p.a.)

5.5 TOTAL PRODUCTION OF PU SEALANTS IN SOUTH AMERICA

Forecast Growth in South America PU Sealant Production, 2011-2016 (Tonnes and % Growth p.a.)

Total South America PU Sealant Production and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South America PU Sealant Production and Related Raw Material Consumption, 2016 (Tonnes)

Total South American PU Sealant Production by Type and Country, 2011 (Tonnes) Forecast Total South American PU Sealant Production by Type and Country, 2016 (Tonnes)

Market Applications of Polyurethane Sealants

PU Sealant Production and Related Raw Material Consumption in Brazil, 2011 (Tonnes) Forecast PU Sealant Production and Related Raw Material Consumption in Brazil, 2016 (Tonnes)



Forecast Growth in PU Sealant Production in Brazil, 2011-2016 (Tonnes and % Growth p.a.)

5.6 TOTAL PRODUCTION OF PU ELASTOMERS IN SOUTH AMERICA

Total Production of PU Elastomers in South America by Type, 2011-2016 (Tonnes and % Growth p.a.)

Total South America PU Elastomers Production and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South America PU Elastomers Production and Related Raw Material Consumption, 2016 (Tonnes)

South American PU Elastomers Production by Country and End-use, 2011 (Tonnes) Forecast South American PU Elastomers Production by Country and End-use, 2016 (Tonnes)

Typical Application per Type of Elastomer

PU Elastomers Production and Related Raw Material Consumption in Argentina, 2011 (Tonnes)

Forecast PU Elastomers Production and Related Raw Material Consumption in Argentina, 2016 (Tonnes)

Forecast Growth in PU Elastomers Production in Argentina, 2011-2016 (Tonnes and % Growth p.a.)

PU Elastomers Production and Related Raw Material Consumption in Brazil, 2011 (Tonnes)

Forecast PU Elastomers Production and Related Raw Material Consumption in Brazil, 2016 (Tonnes)

Forecast Growth in PU Elastomers Production in Brazil, 2011-2016 (Tonnes and % Growth p.a.)

PU Elastomers Production and Related Raw Material Consumption in Chile, 2011 (Tonnes)

Forecast PU Elastomers Production and Related Raw Material Consumption in Chile, 2016 (Tonnes)

Forecast Growth in PU Elastomers Production in Chile, 2011-2016 (Tonnes and % Growth p.a.)

PU Elastomers Production and Related Raw Material Consumption in Colombia, 2011 (Tonnes)

Forecast PU Elastomers Production and Related Raw Material Consumption in Colombia, 2016 (Tonnes)

Forecast Growth in PU Elastomers Production in Colombia, 2011-2016 (Tonnes and % Growth p.a.)

PU Elastomers Production and Related Raw Material Consumption in Venezuela, 2011 (Tonnes)



Forecast PU Elastomers Production and Related Raw Material Consumption in Venezuela, 2016 (Tonnes)

Forecast Growth in PU Elastomers Production in Venezuela, 2011-2016 (Tonnes and % Growth p.a.)

5.7 TOTAL PRODUCTION OF PU BINDERS IN SOUTH AMERICA

Forecast Growth in South American PU Binders Production (Tonnes and % Growth p.a.)

Total South America PU Binders Production and Related Raw Material Consumption, 2011 (Tonnes)

Forecast Total South America PU Binders Production and Related Raw Material Consumption, 2016 (Tonnes)

Total South American PU Binders Production by Type and Country, 2011 (Tonnes) Forecast Total South American PU Binders Production by Type and Country, 2016 (Tonnes)

PU Binders Production and Related Raw Material Consumption in Brazil, 2011 (Tonnes) Forecast PU Binders Production and Related Raw Material Consumption in Brazil, 2016 (Tonnes)

Forecast Growth in PU Binders Production in Brazil, 2011-2016 (Tonnes and % Growth p.a.)

PU Binders Production and Related Raw Material Consumption in Chile, 2011 (Tonnes) Forecast PU Binders Production and Related Raw Material Consumption in Chile, 2016 (Tonnes)

Forecast Growth in PU Binders Production in Chile, 2011-2016 (Tonnes and % Growth p.a.)

6. MAJOR REVIEW BY END-USE SECTOR

**6.1 BUILDING AND CONSTRUCTION** 

Index of Construction Activity in Argentina by Type, 1993-2010 (Base 2004=100)

Total Production of Rigid Polyurethane Foam Construction Materials in South America, 2011-2016 (Tonnes)

Estimated Production of PU Foam for Rigid-faced Panels Used in Construction Applications in South America, 2011-2016 (Tonnes and % Growth p.a.)

Estimated Production of PU Foam for Flexible-faced Panels Used in Construction Applications in South America, 2011-2016 (Tonnes and % Growth p.a.)

Estimated Production of PU Sprayed Foam for Construction Applications in South America, 2011-2016 (Tonnes)

Estimated Production of Aerosol Gap Filling (OCF) PU for Construction in South America, 2011-2016 (Tonnes)

**6.2 AUTOMOTIVE** 

Production of Motor Vehicles in South America by Country, 2007-2010 (Units), %



Change (2009-2010)

Production of Passenger Cars in South America by Country, 2007-2010 (Units), % Change (2009-2010)

Production of Light Commercial Vehicles in South America by Country, 2008-2010 (Units), % Change (2009-2010)

South American Production of Heavy Commercial Vehicles by Country, 2008-2009 (Units)

Breakdown of Vehicle Production by Automotive OEM, South America, 2009 (No. of Vehicles)

Production of Polyurethane for the Automotive Industry in South America, 2011-2016 (Tonnes)

Production of PU for Transport Seating in South America, 2011-2016 (Tonnes)

Production of PU for Moulded Commercial Seating, 2011-1016 (Tonnes)

Major Transport Seating Foam Producers in South America by Country

Production of Moulded Foam for Automotive Carpet Backing and Sound Insulation in South America, 2011-2016 (Tonnes)

Production of PU OEM Coatings in South America, 2011-2016 (Tonnes)

Production of PU Automotive Refinish Coatings, 2011-2016 (Tonnes)

#### **6.3 REFRIGERATION**

Domestic Refrigerator and Freezer Production in Argentina, 2007-2010 (Units)

Distribution of Refrigerators and Freezers in Brazil, 2004-2009 (Million Units)

Typical Foam Volumes Used by Manufacturers of Refrigeration Appliances in South America (kg/Unit)

Production of PU Rigid Foam for the Manufacture of Domestic and Commercial Refrigerators and Freezers in South America, 2011-2016 (Tonnes and % Growth p.a.) 6.4 FOOTWEAR

Footwear Production in South America, 2010-2016 (Million Pairs)

PU Soling Material Consumption in the South American Footwear Industry, 2010-2016 (Kilotonnes)

Production of PU for Footwear in South America, 2011-2016 (Tonnes and % Growth p.a.)

Suppliers of PU Footwear Systems in South America, 2010

# 6.5 FURNITURE AND BEDDING

Production of PU Flexible Slabstock for Furniture and Bedding in South America, 2011-2016 (Tonnes)

Production of PU Flexible Moulded Foam for Furniture Components in South America, 2011-2016 (Tonnes)

7. DIRECTORY OF RAW MATERIAL SUPPLIERS AND POLYURETHANE PROCESSORS



- 7.1 FLEXIBLE FOAM MOULDED
- 7.2 FLEXIBLE FOAM RIGID
- 7.3 RIGID FOAM
- 7.4 COATINGS
- 7.5 ADHESIVES AND SEALANTS
- 7.6 ELASTOMERS
- 7.7 BINDERS
- 7.8 ISOCYANATES
- 7.9 POLYOLS
- 8. SOURCES OF INFORMATION
- 8.1 CHEMICALS AND PLASTICS ASSOCIATIONS
- 8.2 PAINT AND COATINGS ASSOCIATIONS
- 8.3 FOOTWEAR INDUSTRY ASSOCIATIONS
- 8.4 AUTOMOTIVE INDUSTRY ASSOCIATIONS
- 8.5 REFRIGERATION INDUSTRY ASSOCIATIONS
- 8.6 CONSTRUCTION INDUSTRY ASSOCIATIONS
- 8.7 FURNITURE AND BEDDING INDUSTRY ASSOCIATIONS



#### I would like to order

Product name: Polyurethane Products and Chemicals in South America Product link: <a href="https://marketpublishers.com/r/PC56CE2D55EEN.html">https://marketpublishers.com/r/PC56CE2D55EEN.html</a>

Price: US\$ 9,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/PC56CE2D55EEN.html">https://marketpublishers.com/r/PC56CE2D55EEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970