

Polyurethane Catalyst Market by Type, Functionality (Blowing Catalyst, Curing Catalyst, Foam Stabilizing Catalyst, Cross Linking Catalyst, Gelling Catalyst), Application (Foam, Sealant & Adhesive, Coating, Elastomer), Region - Global Forecast to 2028

Market Report | 2023-08-31 | 198 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The Polyurethane catalyst Market is projected to reach USD 3.1 billion by 2028, at a CAGR of 6.0% from USD 2.3 billion in 2023. The rapid urbanization and infrastructure development drives the market. In addition, polyurethane catalysts find various applications in numerous industries, all benefiting from the remarkable versatility and performance attributes of polyurethane materials. One significant application is within the construction sector, where polyurethane insulation materials are crucial for enhancing energy efficiency in buildings. Catalysts play a pivotal role in the creation of rigid polyurethane foams used in insulation panels, ensuring precise expansion and curing processes.

"Foam Stabilizing Catalyst, by functionality accounts for the second-largest market share in 2022"

Foam Stabilizing Catalysts are favored in the polyurethane catalyst market due to their pivotal role in ensuring the quality and performance of polyurethane foam products. These catalysts are instrumental in controlling the formation of foam cells during the curing process, directly influencing the size, distribution, and stability of the foam's cellular structure. This, in turn, leads to enhanced foam density, insulation properties, and overall mechanical strength. Manufacturers value foam stabilizing catalysts for their ability to deliver consistent and uniform foam production, ensuring reproducible results across different batches and maintaining stable product characteristics over time. This reliability not only meets the stringent demands of industries such as construction, automotive, and furniture manufacturing but also reduces waste and increases production efficiency.

"Elastomer are expected to be the fastest growing at CAGR 6.2% for polyurethane catalyst market during the forecast period, in terms of value."

The rapid growth of elastomer within the polyurethane catalyst market can be attributed to their diverse and versatile applications

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

across industries. Elastomers, valued for their flexibility, durability, and resistance, find usage in a wide spectrum of sectors, including automotive, consumer goods, industrial equipment, and healthcare. In the consumer goods arena, from footwear to sportswear, the demand for innovative elastomer-based materials continues to rise, driving the need for specialized catalysts tailored to elastomer production. In the automotive sector, elastomers play a pivotal role in manufacturing components like seals, gaskets, and suspension systems, aligning with the industry's focus on performance and sustainability.

"Based on region, Europe was the second largest market for Polyurethane catalyst market in 2022."

Europe is a prominent region in the near-infrared absorbing material market, driven by its advanced technological infrastructure, strong manufacturing base, and focus on sustainability. The region is characterized by a diverse range of end-use industries that extensively utilize near-infrared absorbing materials. Germany has the maximum share of this market and is the fastest-growing country at a CAGR 8.46% in this market

In the process of determining and verifying the market size for several segments and subsegments identified through secondary research, extensive primary interviews were conducted. A breakdown of the profiles of the primary interviewees are as follows:

-□By Company Type: Tier 1 - 40%, Tier 2 - 30%, and Tier 3 - 30%

-□By Designation: C-Level - 20%, Director Level - 10%, and Others - 70%

-□By Region: North America - 20%, Europe -30%, Asia Pacific - 30%, Middle East & Africa - 10%, and South America-10%

The key players in this market include BASF SE Germany), Evonik Industries AG (Germany), Huntsman International LLC (US), Momentive (Niskayuna), Tokyo Chemical Industry Co., Ltd. (Japan), Dow Chemical Company (Michigan), PATCHAM (FZC) (UAE), Carpenter Co. (US), Mofan Polyurethane CO., LTD. (China), UMICORE (Brussels).

Research Coverage

This report segments the market for the near-infrared absorbing material market on the basis of IR range, Material type, function and end use industry, and region. It provides estimations for the overall value of the market across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, new product launches, expansions, and mergers & acquisition associated with the market for the near-infrared absorbing material market.

Key benefits of buying this report

This research report is focused on various levels of analysis - industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the the near-infrared absorbing material market; high-growth regions; and market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

-□Analysis of key drivers: Increasing demand for advanced technologies, Energy Efficiency and Sustainability.

-□Market Penetration: Comprehensive information on the Polyurethane catalyst market offered by top players in the global the Polyurethane catalyst market.

-□Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the the Polyurethane catalyst market.

-□Market Development: Comprehensive information about lucrative emerging markets - the report analyzes the markets for the the Polyurethane catalyst market across regions.

-□Market Diversification: Exhaustive information about new products, untapped regions, and recent developments in the global the Polyurethane catalyst market.

-□Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the the Polyurethane catalyst market.

Table of Contents:

1□INTRODUCTION□	30
1.1□STUDY OBJECTIVES□	30
1.2□MARKET DEFINITION□	30
1.3□INCLUSIONS AND EXCLUSIONS□	31

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

1.4	STUDY SCOPE	31
FIGURE 1	POLYURETHANE CATALYST MARKET SEGMENTATION	31
1.4.1	REGIONS COVERED	32
1.4.2	YEARS CONSIDERED	32
1.5	CURRENCY CONSIDERED	32
1.6	LIMITATIONS	33
1.7	STAKEHOLDERS	33
1.8	SUMMARY OF CHANGES	33
2	RESEARCH METHODOLOGY	34
2.1	RESEARCH DATA	34
FIGURE 2	POLYURETHANE CATALYST MARKET: RESEARCH DESIGN	34
2.1.1	SECONDARY DATA	35
2.1.2	PRIMARY DATA	35
2.1.2.1	Key primary participants	35
2.1.2.2	Breakdown of primary interviews	35
2.1.2.3	Key industry insights	36
2.2	BASE NUMBER CALCULATION	36
2.2.1	APPROACH 1: SUPPLY-SIDE ANALYSIS	36
2.2.2	APPROACH 2: DEMAND-SIDE ANALYSIS	36
2.3	FORECAST NUMBER CALCULATION	37
2.3.1	SUPPLY SIDE	37
2.3.2	DEMAND SIDE	37
2.4	MARKET SIZE ESTIMATION	37
2.4.1	BOTTOM-UP APPROACH	38
2.4.2	TOP-DOWN APPROACH	39
2.5	DATA TRIANGULATION	40
FIGURE 3	POLYURETHANE CATALYST MARKET: DATA TRIANGULATION	40
2.6	ASSUMPTIONS	41
3	EXECUTIVE SUMMARY	42
FIGURE 4	AMINE CATALYSTS TO LEAD MARKET DURING FORECAST PERIOD	43
FIGURE 5	FOAMS APPLICATION TO ACCOUNT FOR LARGEST SHARE DURING FORECAST PERIOD	44
FIGURE 6	GELLING CATALYSTS TO ACCOUNT FOR LARGEST SHARE DURING FORECAST PERIOD	44
FIGURE 7	ASIA PACIFIC TO DOMINATE MARKET DURING FORECAST PERIOD	45
4	PREMIUM INSIGHTS	47
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN POLYURETHANE CATALYST MARKET	47
FIGURE 8	INCREASING AWARENESS REGARDING SUSTAINABLE DEVELOPMENT TO BOOST MARKET DURING FORECAST PERIOD	47
4.2	POLYURETHANE CATALYST MARKET: REGIONAL ANALYSIS	47
FIGURE 9	ASIA PACIFIC TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD	47
4.3	POLYURETHANE CATALYST MARKET, BY TYPE	48
FIGURE 10	AMINE CATALYST SEGMENT TO ACCOUNT FOR LARGEST SHARE IN 2028	48
4.4	POLYURETHANE CATALYST MARKET, BY APPLICATION	48
FIGURE 11	FOAMS SEGMENT TO ACCOUNT FOR LARGEST SHARE IN 2028	48
4.5	POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY	48
FIGURE 12	GELLING CATALYST SEGMENT TO ACCOUNT FOR LARGEST SHARE IN 2028	48
4.6	POLYURETHANE CATALYST MARKET, BY KEY COUNTRY	49
FIGURE 13	INDIA TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD	49
4.7	ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY APPLICATION AND COUNTRY	50

FIGURE 14 CHINA AND FOAMS SEGMENT ACCOUNTED FOR LARGEST SHARE IN 2022 50

5 MARKET OVERVIEW 51

5.1 INTRODUCTION 51

5.2 MARKET DYNAMICS 51

FIGURE 15 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES 51

5.2.1 DRIVERS 52

5.2.1.1 Use of polyurethane products in construction and automotive sectors 52

5.2.1.2 Environmental regulations and sustainability practices 52

5.2.1.3 Increasing demand for sustainable materials 52

5.2.2 RESTRAINTS 53

5.2.2.1 Fluctuating raw material prices 53

5.2.2.2 Limited shelf-life of polyurethane catalysts 53

5.2.2.3 Use of thermoplastics as substitutes 54

5.2.3 OPPORTUNITIES 54

5.2.3.1 Increasing demand for bio-based catalysts 54

5.2.3.2 Advancements in catalyst technology 54

5.2.3.3 Use of low-emission VOCs 55

5.2.4 CHALLENGES 56

5.2.4.1 High regulatory pressure on use of eco-friendly products 56

5.2.4.2 Intense competition and market consolidation 56

5.3 PORTER'S FIVE FORCES ANALYSIS 57

TABLE 1 POLYURETHANE CATALYST MARKET: PORTER'S FIVE FORCES ANALYSIS 57

FIGURE 16 PORTER'S FIVE FORCES ANALYSIS: POLYURETHANE CATALYST MARKET 57

5.3.1 THREAT OF NEW ENTRANTS 58

5.3.2 THREAT OF SUBSTITUTES 58

5.3.3 BARGAINING POWER OF SUPPLIERS 58

5.3.4 BARGAINING POWER OF BUYERS 58

5.3.5 INTENSITY OF COMPETITIVE RIVALRY 58

6 INDUSTRY TRENDS 59

6.1 COVID-19 IMPACT 59

6.2 VALUE CHAIN ANALYSIS 59

FIGURE 17 VALUE CHAIN FOR POLYURETHANE CATALYST MARKET 59

6.2.1 RAW MATERIAL SUPPLIERS 60

6.2.2 MANUFACTURERS 60

6.2.3 DISTRIBUTORS 60

6.2.4 END USERS 60

6.3 MACROECONOMIC INDICATORS 61

6.3.1 GDP TRENDS AND FORECAST 61

TABLE 2 GDP TRENDS AND FORECAST, BY KEY COUNTRY, 2019-2027 (USD MILLION) 61

6.4 REGULATORY LANDSCAPE 62

6.4.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 62

TABLE 3 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 62

TABLE 4 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 62

TABLE 5 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND

OTHER ORGANIZATIONS 63

6.5 TRADE ANALYSIS 64

6.5.1 EXPORT SCENARIO 64

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

FIGURE 18	EXPORT SCENARIO FOR HS CODE 390950, BY KEY COUNTRY (2019-2022)	64
FIGURE 19	EXPORT SCENARIO FOR HS CODE 38159000, BY KEY COUNTRY (2019-2022)	64
6.5.2	IMPORT SCENARIO	65
FIGURE 20	IMPORT SCENARIO FOR HS CODE 390950, BY KEY COUNTRY (2019-2022)	65
FIGURE 21	IMPORT SCENARIO FOR HS CODE 38159000, BY KEY COUNTRY (2019-2022)	65
6.6	PATENT ANALYSIS	65
6.6.1	INTRODUCTION	65
6.6.2	METHODOLOGY	65
6.6.3	DOCUMENT TYPES	66
TABLE 6	GRANTED PATENTS IN LAST 10 YEARS	66
FIGURE 22	PUBLICATION TRENDS OVER LAST 10 YEARS	66
6.6.4	INSIGHTS	66
6.6.5	LEGAL STATUS	67
6.6.6	JURISDICTION ANALYSIS	67
FIGURE 23	TOP JURISDICTION, BY DOCUMENT	67
6.6.7	TOP APPLICANTS	68
6.7	TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS	68
FIGURE 24	REVENUE SHIFT & NEW REVENUE POCKETS OF POLYURETHANE CATALYST PROVIDERS	68
6.8	ECOSYSTEM MAPPING	69
TABLE 7	GDP TRENDS AND FORECAST, BY KEY COUNTRY (2019-2027)	69
FIGURE 25	POLYURETHANE CATALYST MARKET: ECOSYSTEM MAP	70
6.9	TECHNOLOGY ANALYSIS	70
6.9.1	GAS-BASED FLOW CHEMISTRY	70
TABLE 8	ADVANTAGES OF CATALYST DEVELOPMENT FOR POLYURETHANE CATALYSTS	71
6.9.2	COMPUTATIONAL MODELLING	71
TABLE 9	ADVANTAGES OF FLOW CHEMISTRY	71
6.10	KEY STAKEHOLDERS AND BUYING CRITERIA	72
6.10.1	KEY STAKEHOLDERS IN BUYING PROCESS	72
FIGURE 26	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP FIVE APPLICATIONS	72
TABLE 10	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP FIVE APPLICATIONS	72
6.10.2	BUYING CRITERIA	73
FIGURE 27	KEY BUYING CRITERIA FOR END USERS	73
TABLE 11	KEY BUYING CRITERIA	73
6.11	CASE STUDY ANALYSIS	74
6.11.1	ASSESSING RECYCLING POTENTIAL OF GLYCOLYSIS TREATMENT FOR RIGID POLYURETHANE FOAM WASTE	74
6.11.2	USE OF NOVEL NON-TOXIC BISMUTH CATALYST FOR PREPARING FLEXIBLE POLYURETHANE FOAM	75
7	POLYURETHANE CATALYST MARKET, BY TYPE	77
7.1	INTRODUCTION	78
FIGURE 28	POLYURETHANE CATALYST MARKET, BY TYPE, 2023 & 2028	78
TABLE 12	POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	78
TABLE 13	POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	79
7.2	AMINE CATALYSTS	79
7.2.1	VERSATILITY AND MULTIFUNCTIONALITY TO DRIVE MARKET	79
7.3	METAL CATALYSTS	80
7.3.1	THERMAL RESILIENCE AND CRAFTING EFFICIENCY TO FUEL MARKET	80

7.4	OTHER TYPES	80
8	POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY	81
8.1	INTRODUCTION	82
FIGURE 29	POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2023 & 2028	82
TABLE 14	POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2019-2022 (USD MILLION)	82
TABLE 15	POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2023-2028 (USD MILLION)	83
8.2	GELLING CATALYSTS	83
8.2.1	GELATION AND SOLIDIFICATION PROPERTIES	83
8.3	BLOWING CATALYSTS	83
8.3.1	FACILITATING EXPANSION OF GASES IN CELLULAR FOAM STRUCTURE	83
8.4	CURING CATALYSTS	84
8.4.1	APPLICATION IN POLYMERIZATION REACTIONS OF POLYOLS AND ISOCYANATES	84
8.5	CROSSLINKING CATALYSTS	84
8.5.1	STRONG CHEMICAL BONDING AND DURABILITY	84
8.6	FOAM-STABILIZING CATALYSTS	85
8.6.1	WELL-DEFINED CELLULAR CONFIGURATIONS	85
8.7	OTHER FUNCTIONALITIES	85
9	POLYURETHANE CATALYST MARKET, BY APPLICATION	86
9.1	INTRODUCTION	87
FIGURE 30	POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023 & 2028	87
TABLE 16	POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	87
TABLE 17	POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	88
9.2	FOAMS	88
9.2.1	VERSATILITY AND ADAPTABILITY OF POLYURETHANE FOAMS TO DRIVE MARKET	88
9.3	ADHESIVES & SEALANTS	88
9.3.1	RISING DEMAND FOR EFFECTIVE TAILORED SEALANTS TO FUEL MARKET	88
9.4	ELASTOMERS	89
9.4.1	DURABILITY AND PLIABILITY OF POLYURETHANE ELASTOMERS TO DRIVE MARKET	89
9.5	COATINGS	89
9.5.1	RESISTANCE TO ABRASION AND WEATHERING TO BOOST MARKET	89
9.6	OTHER APPLICATIONS	90
10	POLYURETHANE CATALYST MARKET, BY REGION	91
10.1	INTRODUCTION	92
FIGURE 31	ASIA PACIFIC TO BE FASTEST-GROWING MARKET DURING FORECAST PERIOD	92
TABLE 18	POLYURETHANE CATALYST MARKET, BY REGION, 2019-2022 (USD MILLION)	92
TABLE 19	POLYURETHANE CATALYST MARKET, BY REGION, 2023-2028 (USD MILLION)	93
TABLE 20	POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	93
TABLE 21	POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	93
TABLE 22	POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2019-2022 (USD MILLION)	93
TABLE 23	POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2023-2028 (USD MILLION)	94
TABLE 24	POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	94
TABLE 25	POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	94
10.2	NORTH AMERICA	95

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

10.2.1 RECESSION IMPACT ON NORTH AMERICA 95

FIGURE 32 NORTH AMERICA: POLYURETHANE CATALYST MARKET SNAPSHOT 96

TABLE 26 NORTH AMERICA: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2019-2022 (USD MILLION) 96

TABLE 27 NORTH AMERICA: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2023-2028 (USD MILLION) 97

TABLE 28 NORTH AMERICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 97

TABLE 29 NORTH AMERICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 97

TABLE 30 NORTH AMERICA: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2019-2022 (USD MILLION) 97

TABLE 31 NORTH AMERICA: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2023-2028 (USD MILLION) 98

TABLE 32 NORTH AMERICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 98

TABLE 33 NORTH AMERICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 98

10.2.2 US 99

10.2.2.1 Rising environmental concerns to drive demand for eco-friendly polyurethane products 99

TABLE 34 US: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 99

TABLE 35 US: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 99

TABLE 36 US: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 100

TABLE 37 US: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 100

10.2.3 CANADA 100

10.2.3.1 Technological advancements to drive demand for polyurethane catalysts 100

TABLE 38 CANADA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 101

TABLE 39 CANADA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 101

TABLE 40 CANADA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 101

TABLE 41 CANADA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 101

?

10.2.4 MEXICO 102

10.2.4.1 Demand for comfortable and aesthetically appealing furniture and bedding products to drive market 102

TABLE 42 MEXICO: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 102

TABLE 43 MEXICO: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 102

TABLE 44 MEXICO: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 102

TABLE 45 MEXICO: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 103

10.3 EUROPE 103

10.3.1 RECESSION IMPACT ON EUROPE 103

FIGURE 33 EUROPE: POLYURETHANE CATALYST MARKET SNAPSHOT 104

TABLE 46 EUROPE: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2019-2022 (USD MILLION) 104

TABLE 47 EUROPE: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2023-2028 (USD MILLION) 105

TABLE 48 EUROPE: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 105

TABLE 49 EUROPE: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 105

TABLE 50 EUROPE: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2019-2022 (USD MILLION) 106

TABLE 51 EUROPE: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2023-2028 (USD MILLION) 106

TABLE 52 EUROPE: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 106

TABLE 53 EUROPE: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 107

10.3.2 GERMANY 107

10.3.2.1 Growth of automotive and construction sector to drive market 107

TABLE 54 GERMANY: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 107

TABLE 55 GERMANY: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 108

TABLE 56 GERMANY: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 108

TABLE 57 GERMANY: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 108

10.3.3 ITALY 108

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

10.3.3.1 Strong manufacturing base to drive market 108

TABLE 58 ITALY: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 109

TABLE 59 ITALY: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 109

TABLE 60 ITALY: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 109

TABLE 61 ITALY: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 110

10.3.4 FRANCE 110

10.3.4.1 Growth of packaging and foam industries to drive market 110

TABLE 62 FRANCE: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 110

TABLE 63 FRANCE: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 110

TABLE 64 FRANCE: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 111

TABLE 65 FRANCE: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 111

10.3.5 UK 111

10.3.5.1 Demand for electric vehicles to drive market 111

TABLE 66 UK: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 112

TABLE 67 UK: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 112

TABLE 68 UK: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 112

TABLE 69 UK: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 112

10.3.6 RUSSIA 113

10.3.6.1 Need for energy-efficient foams in automotives to fuel demand for polyurethane catalysts 113

TABLE 70 RUSSIA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 113

TABLE 71 RUSSIA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 113

TABLE 72 RUSSIA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 113

TABLE 73 RUSSIA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 114

10.3.7 SPAIN 114

10.3.7.1 Growth of automotive sector to fuel demand for foam catalysts 114

TABLE 74 SPAIN: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 114

TABLE 75 SPAIN: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 114

TABLE 76 SPAIN: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 115

TABLE 77 SPAIN: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 115

10.3.8 REST OF EUROPE 115

TABLE 78 REST OF EUROPE: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 115

TABLE 79 REST OF EUROPE: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 116

TABLE 80 REST OF EUROPE: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 116

TABLE 81 REST OF EUROPE: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 116

10.4 ASIA PACIFIC 117

10.4.1 RECESSION IMPACT ON ASIA PACIFIC 117

FIGURE 34 ASIA PACIFIC: POLYURETHANE CATALYST MARKET SNAPSHOT 118

TABLE 82 ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2019-2022 (USD MILLION) 118

TABLE 83 ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2023-2028 (USD MILLION) 119

TABLE 84 ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION) 119

TABLE 85 ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION) 119

TABLE 86 ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2019-2022 (USD MILLION) 119

TABLE 87 ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2023-2028 (USD MILLION) 120

TABLE 88 ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 120

TABLE 89 ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 120

10.4.2 CHINA 121

10.4.2.1 Rise in foreign investments to drive market 121

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 90	CHINA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	121
TABLE 91	CHINA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	121
TABLE 92	CHINA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	122
TABLE 93	CHINA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	122
10.4.3	JAPAN	122
10.4.3.1	Sustainability practices to promote demand for energy-efficient catalysts	122
TABLE 94	JAPAN: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	123
TABLE 95	JAPAN: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	123
TABLE 96	JAPAN: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	123
TABLE 97	JAPAN: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	123
10.4.4	SOUTH KOREA	124
10.4.4.1	Well-developed and organized financial sector to boost market	124
TABLE 98	SOUTH KOREA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	124
TABLE 99	SOUTH KOREA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	124
TABLE 100	SOUTH KOREA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	125
TABLE 101	SOUTH KOREA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	125
10.4.5	INDIA	125
10.4.5.1	Foreign investments in industrial sector to drive market	125
TABLE 102	INDIA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	126
TABLE 103	INDIA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	126
TABLE 104	INDIA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	126
TABLE 105	INDIA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	126
10.4.6	REST OF ASIA PACIFIC	127
TABLE 106	REST OF ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	127
TABLE 107	REST OF ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	127
TABLE 108	REST OF ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	127
TABLE 109	REST OF ASIA PACIFIC: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	128
10.5	MIDDLE EAST & AFRICA	128
10.5.1	RECESSION IMPACT ON MIDDLE EAST & AFRICA	128
FIGURE 35	MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET SNAPSHOT	129
TABLE 110	MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2019-2022 (USD MILLION)	129
TABLE 111	MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2023-2028 (USD MILLION)	130
TABLE 112	MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	130
TABLE 113	MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	130
TABLE 114	MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2019-2022 (USD MILLION)	130
TABLE 115	MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2023-2028 (USD MILLION)	131
TABLE 116	MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	131
TABLE 117	MIDDLE EAST AND AFRICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	131
10.5.2	SAUDI ARABIA	132
10.5.2.1	Infrastructural development to drive demand for polyurethane catalysts	132
TABLE 118	SAUDI ARABIA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	132
TABLE 119	SAUDI ARABIA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	132
TABLE 120	SAUDI ARABIA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	133
TABLE 121	SAUDI ARABIA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	133
10.5.3	SOUTH AFRICA	133
10.5.3.1	Government initiatives toward sustainability to drive market	133
TABLE 122	SOUTH AFRICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	134

TABLE 123	SOUTH AFRICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	134
TABLE 124	SOUTH AFRICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	134
TABLE 125	SOUTH AFRICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	135
10.5.4	REST OF MIDDLE EAST & AFRICA	135
TABLE 126	REST OF MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	135
TABLE 127	REST OF MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	135
TABLE 128	REST OF MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	136
TABLE 129	REST OF MIDDLE EAST & AFRICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	136
10.6	SOUTH AMERICA	136
10.6.1	RECESSION IMPACT ON SOUTH AMERICA	137
FIGURE 36	SOUTH AMERICA: POLYURETHANE CATALYST MARKET SNAPSHOT	137
TABLE 130	SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2019-2022 (USD MILLION)	138
TABLE 131	SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY COUNTRY, 2023-2028 (USD MILLION)	138
TABLE 132	SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	138
TABLE 133	SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	138
TABLE 134	SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2019-2022 (USD MILLION)	139
TABLE 135	SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY FUNCTIONALITY, 2023-2028 (USD MILLION)	139
TABLE 136	SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	139
TABLE 137	SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	140
?		
10.6.2	BRAZIL	140
10.6.2.1	Prominent industrial hub and high purchasing power to drive market	140
TABLE 138	BRAZIL: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	140
TABLE 139	BRAZIL: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	141
TABLE 140	BRAZIL: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	141
TABLE 141	BRAZIL: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	141
10.6.3	ARGENTINA	142
10.6.3.1	Demand for catalysts from automotive and construction sector to fuel market	142
TABLE 142	ARGENTINA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	142
TABLE 143	ARGENTINA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	142
TABLE 144	ARGENTINA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	142
TABLE 145	ARGENTINA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	143
10.6.4	REST OF SOUTH AMERICA	143
TABLE 146	REST OF SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2019-2022 (USD MILLION)	143
TABLE 147	REST OF SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY TYPE, 2023-2028 (USD MILLION)	143
TABLE 148	REST OF SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	144
TABLE 149	REST OF SOUTH AMERICA: POLYURETHANE CATALYST MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	144
11	COMPETITIVE LANDSCAPE	145
11.1	INTRODUCTION	145
TABLE 150	STRATEGIES ADOPTED BY KEY MARKET PLAYERS	145
11.2	MARKET SHARE ANALYSIS	146
11.2.1	RANKING OF KEY MARKET PLAYERS	146
FIGURE 37	RANKING OF TOP FIVE PLAYERS IN POLYURETHANE CATALYST MARKET, 2022	146
11.2.2	MARKET SHARE OF KEY PLAYERS	146
TABLE 151	POLYURETHANE CATALYST MARKET: DEGREE OF COMPETITION	147
FIGURE 38	POLYURETHANE CATALYST MARKET SHARE ANALYSIS, 2022	147
11.2.2.1	BASF SE	147

11.2.2.2	Umicore	147
11.2.2.3	Evonik Industries AG	148
11.2.2.4	DOW	148
11.2.2.5	Huntsman International LLC	148
	?	
11.3	COMPANY PRODUCT FOOTPRINT ANALYSIS	148
TABLE 152	POLYURETHANE CATALYST MARKET: KEY COMPANY APPLICATION FOOTPRINT	148
TABLE 153	POLYURETHANE CATALYST MARKET: KEY COMPANY TYPE FOOTPRINT	149
TABLE 154	POLYURETHANE CATALYST MARKET: KEY COMPANY REGION FOOTPRINT	149
11.4	COMPANY EVALUATION MATRIX	150
11.4.1	STARS	150
11.4.2	EMERGING LEADERS	150
11.4.3	PERVASIVE PLAYERS	150
11.4.4	PARTICIPANTS	150
FIGURE 39	POLYURETHANE CATALYST MARKET: COMPANY EVALUATION MATRIX, 2022 (TIER 1)	151
11.5	COMPETITIVE BENCHMARKING	152
TABLE 155	POLYURETHANE CATALYST MARKET: KEY STARTUPS/SMES	152
TABLE 156	POLYURETHANE CATALYST MARKET: SME APPLICATION FOOTPRINT	153
TABLE 157	POLYURETHANE CATALYST MARKET: SME TYPE FOOTPRINT	154
TABLE 158	POLYURETHANE CATALYST MARKET: SME REGION FOOTPRINT	155
11.6	STARTUP/SME EVALUATION MATRIX	155
11.6.1	RESPONSIVE COMPANIES	155
11.6.2	STARTING BLOCKS	155
11.6.3	PROGRESSIVE COMPANIES	156
11.6.4	DYNAMIC COMPANIES	156
FIGURE 40	POLYURETHANE CATALYST MARKET: STARTUP/SME EVALUATION MATRIX, 2022	156
11.7	COMPETITIVE SCENARIO	157
11.7.1	PRODUCT LAUNCHES	157
TABLE 159	POLYURETHANE CATALYST MARKET: PRODUCT LAUNCHES (2020-2023)	157
11.7.2	DEALS	157
TABLE 160	POLYURETHANE CATALYST MARKET: DEALS (2020-2023)	157
11.7.3	OTHER DEVELOPMENTS	158
TABLE 161	POLYURETHANE CATALYST MARKET: OTHER DEVELOPMENTS (2020-2023)	158
12	COMPANY PROFILES	159
(Business Overview, Products/Services/Solutions Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))*		
12.1	KEY PLAYERS	159
12.1.1	BASF SE	159
TABLE 162	BASF SE: COMPANY OVERVIEW	159
FIGURE 41	BASF SE: COMPANY SNAPSHOT	160
TABLE 163	BASF SE: PRODUCTS/SERVICES/SOLUTIONS OFFERED	160
TABLE 164	BASF SE: OTHER DEVELOPMENTS	162
12.1.2	EVONIK INDUSTRIES AG	164
TABLE 165	EVONIK INDUSTRIES AG: COMPANY OVERVIEW	164
FIGURE 42	EVONIK INDUSTRIES AG: COMPANY SNAPSHOT	165
TABLE 166	EVONIK INDUSTRIES AG: PRODUCTS/SERVICES/SOLUTIONS OFFERED	165
TABLE 167	EVONIK INDUSTRIES AG: DEALS	166

TABLE 168	EVONIK INDUSTRIES AG: OTHER DEVELOPMENTS	166
12.1.3	HUNTSMAN INTERNATIONAL LLC	168
TABLE 169	HUNTSMAN INTERNATIONAL LLC: COMPANY OVERVIEW	168
FIGURE 43	HUNTSMAN INTERNATIONAL LLC: COMPANY SNAPSHOT	169
TABLE 170	HUNTSMAN INTERNATIONAL LLC: PRODUCTS/SERVICES/SOLUTIONS OFFERED	169
TABLE 171	HUNTSMAN INTERNATIONAL LLC: OTHER DEVELOPMENTS	170
TABLE 172	HUNTSMAN INTERNATIONAL LLC: DEALS	171
12.1.4	MOMENTIVE	172
TABLE 173	MOMENTIVE: COMPANY OVERVIEW	172
TABLE 174	MOMENTIVE: PRODUCTS/SERVICES/SOLUTIONS OFFERED	173
TABLE 175	MOMENTIVE: OTHER DEVELOPMENTS	173
12.1.5	TOKYO CHEMICAL INDUSTRY CO., LTD.	175
TABLE 176	TOKYO CHEMICAL INDUSTRY CO., LTD.: COMPANY OVERVIEW	175
TABLE 177	TOKYO CHEMICAL INDUSTRY CO., LTD.: PRODUCTS/SERVICES/SOLUTIONS OFFERED	175
12.1.6	DOW	178
TABLE 178	DOW: COMPANY OVERVIEW	178
FIGURE 44	DOW: COMPANY SNAPSHOT	179
TABLE 179	DOW: PRODUCTS/SERVICES/SOLUTIONS OFFERED	179
TABLE 180	DOW: OTHER DEVELOPMENTS	179
12.1.7	MOFAN POLYURETHANE CO., LTD.	181
TABLE 181	MOFAN POLYURETHANE CO., LTD.: COMPANY OVERVIEW	181
TABLE 182	MOFAN POLYURETHANE CO., LTD.: PRODUCTS/SERVICES/SOLUTIONS OFFERED	181
12.1.8	CARPENTER CO.	184
TABLE 183	CARPENTER CO.: COMPANY OVERVIEW	184
TABLE 184	CARPENTER CO.: PRODUCTS/SERVICES/SOLUTIONS OFFERED	185
TABLE 185	CARPENTER CO.: DEALS	186
12.1.9	TOSOH CORPORATION	188
TABLE 186	TOSOH CORPORATION: COMPANY OVERVIEW	188
TABLE 187	TOSOH CORPORATION: PRODUCTS/SERVICES/SOLUTIONS OFFERED	188
12.1.10	UMICORE	190
TABLE 188	UMICORE: COMPANY OVERVIEW	190
FIGURE 45	UMICORE: COMPANY SNAPSHOT	191
TABLE 189	UMICORE: PRODUCTS/SERVICES/SOLUTIONS OFFERED	191
TABLE 190	UMICORE: OTHER DEVELOPMENTS	192
TABLE 191	UMICORE: PRODUCT LAUNCHES	192
?		
12.2	OTHER PLAYERS	194
12.2.1	SOLVAY	194
12.2.2	MILLIKEN	194
12.2.3	CHINA PETROLEUM & CHEMICAL CORPORATION	194
12.2.4	BCL HOLDING SA	194
12.2.5	mitsui chemicals, inc.	195
12.2.6	DIC CORPORATION	195
12.2.7	LANXESS	195
12.2.8	WANHUA CHEMICAL GROUP CO., LTD.	196
12.2.9	TRIISO LLC	196
12.2.10	IMEN POLYMER CHEMIE CO.	196

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

12.2.11 COVESTRO AG 197

12.2.12 BYK 197

12.2.13 CLARIANT AG 197

12.2.14 GULBRANDSEN 197

12.2.15 AIR PRODUCTS AND CHEMICALS, INC. 198

*Details on Business Overview, Products/Services/Solutions Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

13 APPENDIX 199

13.1 DISCUSSION GUIDE 199

13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL 202

13.3 CUSTOMIZATION OPTIONS 204

13.4 RELATED REPORTS 204

13.5 AUTHOR DETAILS 205

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Polyurethane Catalyst Market by Type, Functionality (Blowing Catalyst, Curing Catalyst, Foam Stabilizing Catalyst, Cross Linking Catalyst, Gelling Catalyst), Application (Foam, Sealant & Adhesive, Coating, Elastomer), Region - Global Forecast to 2028

Market Report | 2023-08-31 | 198 pages | MarketsandMarkets

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Zip Code*

Country*

Date

Signature