

Paints and Coatings: A Global Market Outlook

<https://marketpublishers.com/r/P614B15FA5AEN.html>

Date: March 2019

Pages: 125

Price: US\$ 2,750.00 (Single User License)

ID: P614B15FA5AEN

Abstracts

REPORT SCOPE:

The scope of the report includes, a general outlook of oil & gas exploration and production sector, with the scope limited to reports published by BCC Research during the year 2017 and 2018. It also examines industry standards, government and industry support, and other key factors related to the success of paints and coatings. This report segments the market into two major sub-segments like paints and coatings technology and paints and coatings end-use.

The technology segment explains the prevalent and upcoming technologies covering the qualitative aspects of the market in brief details. Detailed overview of these technologies coupled with relevant market data in terms of market size measured in dollar terms are provided. The end-use chapter include detailed overview of end-use and their applications like architectural and decorative coating, and industrial coating. The scope is limited to the recent studies published by BCC Research and is thus not exhaustive.

The scope of the report covers the overview of the global market for paints and coatings and analyses of the global market trends, with data from 2016, considering base year of 2017 and estimates for 2018 and 2023 with projection of CAGR in the forecast duration. The sales values are presented in US dollars, while volumes are presented in kilotons units. Estimated values used are based on manufacturers' total revenues. Projected and forecasted revenue values are in constant US dollars, unadjusted for inflation.

REPORT INCLUDES:

12 data tables and 20 additional tables

An overview of the global market for paints & coatings and discussion of their application areas

Brief introduction to concepts, importance and history of paints and coatings industry

Detailed description of solvent-borne coatings, types and their comparison with alternate coating technologies

Complete understanding of high-performance ceramic coatings and anti-corrosion coatings and evaluation of their applications

Information on the recent advancements and innovations (cutting-edge technologies) available in the paints & coatings market

Insights of government regulations including European Union Regulations and U.S. regulations and broad overview of pollution prevention opportunities in coating operations

Profiles of the major players and discussion of their products including 3M, Axalta Coating Systems, DowDuPont, Evonik Industries AG, Hentzen Coatings, Inc. and Kelly-Moore Paints

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing the Study
Scope of Report
Intended Audience
Methodology and Information Sources
Geographic Breakdown
Analyst's Credentials
BCC Custom Research
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET OVERVIEW

Introduction
Definition of the Industry
Industry Concepts
Importance of the Industry
History of Paints and Coatings
History of Powder Coatings
Life Cycle Assessment
Life Cycle Cost
Technology Life Cycle
Benefits of Paints and Coatings
Classification of Coatings Based on End-use
Industry Structure and Overview
Technology Overview
Value Chain Analysis
Binders
Solvents
Pigments
Additives
Industry Outlook Introduction
Building and Construction
Automotive

Automotive
Government Regulations
European Union Regulations
Regulations in the U.S.
Pollution Prevention in Coating Application Processes
Technological Developments
Drivers of Technology Adoption

CHAPTER 4 PAINTS AND COATINGS TECHNOLOGY

Introduction
Solvent-borne Coating
Introduction
Types of Solvent-borne Coating
Comparison with Alternate Coating Technologies
Advantages and Disadvantages of Solvent-borne Paints and Coatings
Waterborne Coating
Introduction
Types of Polymers
Types of Waterborne Coating
Advantages and Disadvantages of Waterborne Paints and Coatings
Powder Coating
Introduction
Types of Powder Coating
New Developments in Powder Coating
Application Method of Powder Coating
Advantages and Disadvantages of Powder Paints and Coatings
High-solids Coating
Introduction
Types of High-solids Coating
Application Method of High-solids Coating
Advantages and Disadvantages of High-solids Paints and Coatings
Radiation-cured Coating
Introduction
Types of Radiation-cured Coating
Application Method of Radiation-cured Coating
Advantages and Disadvantages of Radiation-cured Paints and Coatings
Emerging Coating Technologies
Introduction

Vapor Permeation of Injection Cured Coating (VIC)
Advantages and Disadvantages of Vapor Permeation of Injection Cured Coating
Coatings Using Vapor Permeation of Injection Cured Coating Technology
Thermal Barrier Coatings
Nano Coatings
Uni-coat Paint
Advantages and Disadvantages of Uni-coat Coatings
Supercritical Carbon Dioxide
Advantages and Disadvantages of Uni-coat Coatings

CHAPTER 5 END-USE OF PAINTS AND COATINGS MARKET

Introduction
Global Market for Architectural and Decorative Paints and Coatings
Introduction
Types of Architectural and Decorative Coatings
Exterior Paints and Coatings System
Interior Paints and Coatings System
Global Market for Industrial Paints and Coatings
Introduction
Vehicle Paints and Coatings
Coil Paints and Coatings
Metal Container and Closure Paints and Coatings
Appliance Paints and Coatings
Machinery Equipment Paints and Coatings
Plastics Paints and Coatings
Wood Paints and Coatings
Agricultural Equipment Paints and Coatings
Miscellaneous Paints and Coatings
Global Market for Special-purpose Paints and Coatings
Introduction
Automotive Refinishing Paints and Coatings
Industrial Maintenance Paints and Coatings
Traffic-marking Paints and Coatings
Marine and Offshore Paints and Coatings
Roof Paints and Coatings
Aerosol Paints and Coatings
Miscellaneous Types of Special-purpose Paints and Coatings

CHAPTER 6 SPECIALTY COATINGS MARKET

Introduction

High-performance Ceramic Coatings

Introduction

Material Types and Properties

Coating Techniques

General Applications

North American Markets

Anti-corrosion Coatings

Introduction

Anti-corrosion Coatings Types

Smart Coatings

Introduction

Smart Coatings Functionalities

Smart Coatings Major Segments

Technology Overview

Optical Coating

Introduction

Types of Optical Coatings

Antireflective Coating

Reflective Coating

Filter Coating

Conductive Coating

Electrochromic Coating

CHAPTER 7 COMPANY PROFILES

3M

AB WILH. BECKER

ACE HARDWARE CORP.

AKZONOBEL N.V.

ALBERDINGK BOLEY GMBH

ARCH CHEMICALS INC.

AIR PRODUCTS & CHEMICALS, INC.

ASIAN PAINTS LTD.

ATOMIX CO. LTD.

AXALTA COATING SYSTEMS

A&A COATINGS INC.

ABRISA GLASS & COATINGS, INC.
BECKER INDUSTRIAL COATINGS LTD.
BENJAMIN MOORE AND CO., INC.
BERGER PAINTS INDIA LTD.
BIO-GATE AG
BOERO GROUP
BOYSEN PAINTS
BRILLUX GMBH & CO. KG
BUHLER GROUP (NANOTECHNOLOGY)
CELANESE CORP.
CHUGOKU MARINE PAINTS
CIN GROUP
CLARIANT AG
DAI NIPPON TORYO
DIAMOND VOGEL PAINTS
DEBIOTECH S.A.
DULUXGROUP LTD.
DUNN-EDWARDS CORP.
DOWDUPONT
ELANTAS PDG INC.
ELEMENTIS SPECIALTIES INC.
EVONIK INDUSTRIES AG
FARRELL-CALHOUN PAINT
GEMINI INDUSTRIES
HELIOS GROUP
HEMPEL A/S
HENTZEN COATINGS, INC.
INDUSTRIA CHIMICA ADRIATICA SPA
INVER SPA
JOTUN
KANSAI PAINT CO., LTD.
KCC CORP.
KELLY-MOORE PAINTS
LANXESS CORP.
LONZA GROUP AG
NIPPON PAINT CO., LTD.
NATIONAL PAINTS
PPG INDUSTRIES, INC.
RPM INTERNATIONAL INC.

SHEBOYGAN PAINT CO.
THE SHERWIN-WILLIAMS CO.
SIKA AG
TIKKURILA OYJ
TAMBOUR LTD.
TEKNOS GROUP
TIGER DRYLAC U.S.A., INC.
VALSPAR CORP.
YENKIN-MAJESTIC PAINT CORP.

CHAPTER 8 APPENDIX

List Of Tables

LIST OF TABLES

Summary Table: Global Market for Paints and Coatings, by Technology, Through 2023

Table 1: Powder Coatings Timeline

Table 2: Vehicle Production, by Major Countries, 2016 and 2017

Table 3: Healthcare Expenditures as a Percentage of Gross Domestic Product, by Country, 2014 and 2015

Table 4: Pollution Prevention Options for Coating Processes

Table 5: Technical Comparison of Paints and Coatings, by Technology

Table 6: Global Market for Paints and Coatings, by Technology, Through 2023

Table 7: Benefits and Limitations of Alternate Coatings to Solvent-borne Coatings

Table 8: Paints and Coatings Applications in Solvent-borne Technology

Table 9: Paints and Coatings Applications in Waterborne Technology

Table 10: Paints and Coatings Applications in Powder Coating Technology

Table 11: Paints and Coatings Applications in High-solids Technology

Table 12: Paints and Coatings Applications in Radiation-cured Technology

Table 13: Global Market for Paints and Coatings, by End-use Segment, Through 2023

Table 14: Applications of Architectural and Decorative Paints and Coatings

Table 15: Applications of Industrial Paints and Coatings

Table 16: Applications of Coil Coatings

Table 17: Applications of Special-purpose Paints and Coatings

Table 18: Applications of Industrial Maintenance Paints and Coatings

Table 19: North American Market for High-performance Ceramic Coatings, by Type, Through 2023

Table 20: High-performance Ceramic Coatings Materials and General Applications

Table 21: Melting or Softening Temperatures and Uses of Representative Flame and Plasma-sprayed Materials

Table 22: Plasma-sprayed Ceramic Coatings Properties

Table 23: Leading Applications, by Industry

Table 24: North American Market for High-performance Ceramic Coatings, by Application, Through 2023

Table 25: Global Market for Anti-corrosion Coatings, by Region, Through 2023

Table 26: Global Market for Smart Coatings, by Region, Through 2023

Table 27: Global Market for Smart Coatings, by Major Segment, Through 2023

Table 28: Coating Technology Timeline

Table 29: Global Market for Optical Coatings, by Segment, Through 2023

Table 30: Metals Commonly used in Optical Thin Films

Table 31: Abbreviations used in Paints and Coatings Market

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market for Paints and Coatings, by Technology, 2017-2023

Figure 1: Value Chain Analysis for Paints and Coatings Market

Figure 2: Construction Output Growth, 2012-2016 and 2017-2021

Figure 3: Global Market for Paints and Coatings, by Technology, 2017-2023

Figure 4: Global Market for Paints and Coatings, by End-use Segment, 2017-2023

Figure 5: North American Market for High-performance Ceramic Coatings, by Type, 2017-2023

Figure 6: North American Market Share for High-performance Ceramic Coatings, by Application, 2017-2023

Figure 7: Global Market for Anti-corrosion Coatings, by Region, 2017-2023

Figure 8: Global Market for Smart Coatings, by Region, 2017-2023

Figure 9: Global Market for Smart Coatings, by Major Segment, 2017-2023

Figure 10: Global Market for Optical Coatings, by Segment, 2017-2023

Figure 11: Types of Optical Coatings

I would like to order

Product name: Paints and Coatings: A Global Market Outlook

Product link: <https://marketpublishers.com/r/P614B15FA5AEN.html>

Price: US\$ 2,750.00 (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 <https://marketpublishers.com/r/P614B15FA5AEN.html>

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**

Customer signature _____

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

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