Pds Product Data Sheet

This comprehensive text on apparel product development reflects the current importance of manufacturers' and retailers' private brands and exclusive designer collections.
Advances in Agronomy continues to be recognized as a leading reference and a first-rate source for the latest research in agronomy. As always, the subjects covered are varied and exemplary of the myriad of subject matter dealt with by this long-running serial. * Maintains the highest impact factor among serial publications in agriculture * Presents timely reviews on important agronomy issues * Enjoys a long-standing reputation for excellence in the field
This book fulfills the need for a practical, clearly written introductory textbook on fundamental concepts and basic applications of principles of environmental science. It is designed to cover the curriculum of B.Sc. and M.Sc. courses in Environmental Science. Besides students, the basic knowledge of environmental management is highly essential today for regulators, industrial managers, and environmental activists. The book provides comprehensive information on all relevant components relating to environmental issues in industries, the purpose being to sensitize the management staff to various environmental laws and regulations. The book not only gives a thorough treatment of all individual environmental components but also suggests strategies for improvement of environment quality. It discusses various pollution control methodologies along with waste minimization and resource conservation. An attempt is also made to blend the legal guidelines and statutory compliance with technical and scientific approach. Various environmental management tools have been discussed. Management of hazardous chemicals has been dealt with in a separate chapter.
A Collaborative Approach to Managing Complex Systems
Fundamentals of Building Construction
Feature Driven Development
Enterprise Content Management in Information Systems Research
PRINCIPLES AND PRACTICE
Environmental Impact Statement
Dictionary of Acronyms and Technical Abbreviations
This manual is a source document for utilities that are considering a coagulant changeover. It is intended to provide an appreciation of what must be considered for a successful changeover based on the input of U.S. and Canadian utilities (Chapters 1 and 6). New regulatory requirements will likely have the broadest and most substantial impact on primary coagulant use (Chapter 3). The Interim Enhanced Surface Water Treatment Rule (IESWTR) and Stage 1 Disinfectant and Disinfection Byproducts Rule (Stage 1 DBPR) will make finished water requirements more stringent to address microbial removal and the impacts of disinfection. Enhanced Coagulation and/or other operational and treatment practices will be used to achieve these requirements. The science of coagulation (Chapter 4) requires a special focus to address the intricacies of coagulation chemistry. The manual provides a step-by-step methodology to conduct a coagulant changeover using a detailed protocol (Chapter 5) -- background, executive summary.
The papers presented at Building Information Modelling 2017 (BIM) are from a range of forums, including plenary papers, workshops, seminars, and panel sessions. The conference was attended by experts from industry, practice and academia, sharing their work on key topics, the development of innovative solutions, and the identification future trends. The volume gives details of how BIM tools and techniques have fundamentally altered the manner in which modern construction teams operate, the processes through which designs are evolved, and the relationships between conceptual, detail, construction and life cycle stages. BIM is essentially value-creating collaboration throughout the entire life-cycle of an asset, underpinned by the statistics attached to them and has far and reaching consequences on both building procurement and infrastructure. BIM 2017 papers cover topics such as: BIM in design coordination, Construction operations; Building operation and maintenance; BIM and sustainability; Collaborative working and practices; Facilities management integration and GIS integration; Automation in construction; Health and safety; BIM and interoperability; Life cycle project management; Cultural heritage; BIM and Robotics; Risk analysis and management and Emergency analysis, planning and management
In today's world, food security is an important issue. Food shortages push prices up, impacting upon the health and well-being of hundreds of millions of rural poor across the globe. One way to increase food security is to decrease the amount of yield lost to pests. The Pesticide Encyclopedia provides a comprehensive overview of the fight against pests, covering chemical pesticides, biocontrol agents and biopesticides. It also covers interrelated topics such as pesticide toxicity, legislation and regulation, handling, storage and safety aspects, IPM techniques, resistance management, interaction of pesticides with soil and the environment. An important reference for policy makers, advisers and students and researchers of crop science, this book also includes useful notes on commonly known plant diseases and pests.
BIM for Landscape
Foundations, Methods and Cases
For Information and Communication Technologies and Related Areas
PPI FE Chemical Review Manual eText - 1 Year
International dictionary of abbreviations and acronyms of electronics, electrical engineering, computer technology, and information processing
Rapid One-of-a-kind Product Development
Advances in Islamic Finance, Marketing, and Management
This is the digital version of the printed book (Copyright © 2000). Winner of the 2001 Software Development Jolt Product Excellence Award This innovative text offers a practical, realistic approach to managing high-speed, high-change software development projects. Consultant James A. Highsmith shows readers how to increase collaboration and adapt to uncertainty. Many organizations start high-speed, high-change projects without knowing how to do them–and even worse, without knowing they don't know. Successful completion of these projects is often at the expense of the project team. Adaptive Software Development emphasizes an adaptive, collaborative approach to software development. The concepts allow developers to "scale-up" rapid application development and extreme programming approaches for use on larger, more complex projects. The four goals of the book are to support an adaptive culture or mindset, in which change and uncertainty are assumed to be the natural state–not a false expectation of order introduce frameworks to guide the iterative process of managing change institute collaboration, the interaction of people on three levels: interpersonal, cultural, and structural add rigor and discipline to the RAD approach, making it scalable to the uncertainty and complexity of real-life undertakings
Catalog of the most often requested AT&T documents.
Der BIM Manager jetzt auch in englischer Übersetzung: Im Zentrum der Ausführungen steht die erfolgreiche Einführung von BIM im eigenen Unternehmen. Der Autor erklärt die wichtigsten Begriffe und erläutert anschaulich Methoden (Open BIM, Collaborative BIM), Technologien, Projektanforderungen und Verantwortlichkeiten. Die wesentlichen Grundsätze werden anhand konkreter Projektbeispiele dargestellt. Der Leser erhält viele hilfreiche Tipps für die praktische Anwendung. "Der BIM-Manager" eignet sich besonders für Geschäftsführer, Abteilungsleiter, BIM-Anwender, BIM-Manager sowie für Architekten und Bauingenieure.
Dictionary of Industrial Terminology
Knowledge Management and Information Tools for Building Maintenance and Facility Management
Idaho High-level Waste and Facilities Disposition
Strategies, Algorithms and Tools
Life Cycle Assessment in the Agri-food Sector
Case Studies, Methodological Issues and Best Practices
The BIM-Manager
New global standards are the basis for new MES products that have appeared in the last five years in the marketplace Features a comprehensive presentation of available MES technologies
Petroleum Engineer's Guide to Oil Field Chemicals and Fluids, Third Edition delivers all the necessary lists of chemicals by use, their basic components, benefits and environmental implications. Instead of searching through various sources, this updated reference presents a one-stop, non-commercialized approach by organizing products by function, matching the chemical to the process for practical problem-solving, and extending coverage with additional resources and supportive materials. Updates include shale specific fluids and organic additives, including swellable polymers and multi-walled carbon nanotubes. Covering the full spectrum, including fluid loss additives and oil spill treating agents, this book is ideal for every oil and gas operation with its options for lower costs, sustainable use and enhanced production. Helps readers effectively locate and utilize the right chemical application specific to their oil and gas operation Includes updated sections on shale specific fluids, defoamers and organic additives, including biodegradable waste and swellable polymers Covers environmental factors and risks for oil field chemicals, along with the pluses and minuses of each application
This book describes the latest methods and tools for the management of information within facility management services and explains how it is possible to collect, organize, and use information over the life cycle of a building in order to optimize the integration of these services and improve the efficiency of processes. The coverage includes presentation and analysis of basic concepts, procedures, and international standards in the development and management of real estate inventories, building registries, and information systems for facility management. Models of strategic management are discussed and the functions and roles of the strategic management center, explained. Detailed attention is also devoted to building information modeling (BIM) for facility management and potential interactions between information systems and BIM applications. Criteria for evaluating information system performance are identified, and guidelines of value in developing technical specifications for facility management services are proposed. The book will aid clients and facility managers in ensuring that information bases are effectively compiled and used in order to enhance building maintenance and facility management.
Engineers' Guide to Product Information
Personnel Support for Contingency Operations (PERSCO)
Sources and Use
Acronyms, Initialisms & Abbreviations Dictionary
Green Biocomposites
Apparel Merchandising
ENVIRONMENTAL SCIENCE
The present book is a pioneering work on environmental management for sustainable development. This up-to-date and comprehensive textbook integrates the concepts of environmental science with environmental management dealing with different management tools for achieving sustainable development. The text is suitable for environmental science and management, MBA and BBA students both at undergraduate and postgraduate levels.
This book collects ECM research from the academic discipline of Information Systems and related fields to support academics and practitioners who are interested in understanding the design, use and impact of ECM systems. It also provides a valuable resource for students and lecturers in the field. "Enterprise content management in Information Systems research – Foundations, methods and cases" consolidates our current knowledge on how today's organizations can manage their digital information assets. The business challenges related to organizational information management include reducing search times, maintaining information quality, and complying with reporting obligations and standards. Many of these challenges are well-known in information management, but because of the vast quantities of information being generated today, they are more difficult to deal with than ever. Many companies use the term "enterprise content management" (ECM) to refer to the management of all forms of information, especially unstructured information. While ECM systems promise to increase and maintain information quality, to streamline content-related business processes, and to track the lifecycle of information, their implementation poses several questions and challenges: Which content objects should be put under the control of the ECM system? Which processes are affected by the implementation? How should outdated technology be replaced? Research is challenged to support practitioners in answering these questions.
The book presents an overview of the International practices and state-of-the-art of LCA studies in the agri-food sector, both in terms of adopted methodologies and application to particular products; the final purpose is to characterise and put order within the methodological issues connected to some important agri-food products (wine, olive oil, cereals and derived products, meat and fruit) and also defining practical guidelines for the implementation of LCAs in this particular sector. The first chapter entails an overview of the application of LCA to the food sector, the role of the different actors of the food supply chain and the methodological issues at a general level. The other chapters, each with a particular reference to the main foods of the five sectors under study, have a common structure which entails the review of LCA case studies of such agri-food products, the methodological issues, the ways with which they have been faced and the suggestion of practical guidelines.
Cost Management in Plastics Processing
A Practical Guide for BIM Project Management
Quality Control in Road Construction
The Living Legacy of Stuart Pugh
Creating Innovative Products
Concepts of Environmental Management for Sustainable Development
Manufacturing Execution Systems (MES): Optimal Design, Planning, and Deployment
BIM (Building Information Modelling) is transforming working practices across the built environment sector, as clients, professionals, contractors and manufacturers throughout the supply chain grasp the opportunities that BIM presents. The first book ever to focus on the implementation of BIM processes in landscape and external works, BIM for Landscape will help landscape professionals understand what BIM means for them. This book is intended to equip landscape practitioners and practices to meet the challenges and reap the rewards of working in a BIM environment - and to help professionals in related fields to understand how BIM processes can be brought into landscape projects. BIM offers significant benefits to the landscape profession, and heralds a new chapter in inter-disciplinary relationships. BIM for Landscape shows how BIM can enhance collaboration with other professionals and clients, streamline information processes, improve decision-making and deliver well-designed landscape projects that are right first time, on schedule and on budget. This book looks at the organisational, technological and professional practice implications of BIM adoption. It discusses in detail the standards, structures and information processes that form BIM Level 2-compliant workflows, highlighting the role of the landscape professional within the new ways of working that BIM entails. It also looks in depth at the digital tools used in BIM projects, emphasising the 'information' in Building Information Modelling, and the possibilities that data-rich models offer in landscape design, maintenance and management. BIM for Landscape will be an essential companion to the landscape professional at any stage of their BIM journey.
Cost Management in Plastics Processing: Strategies, Targets, Techniques, and Tools, Fourth Edition, makes readers think about current practices and how to go forward with effective cost management. This is a practical workbook that provides a structured approach to reducing costs in plastics processing for all the major plastics shaping processes (moulding, extrusion, forming) as well as elsewhere in the company (e.g., in factory services and non-manufacturing areas). Competition in all manufacturing sectors is increasing, and there is continuous pressure to drive costs down and to increase cost management. Good cost management improves profits and margins, improves management control and opens the door to becoming a world-class company. The approach throughout this book looks rigorously at where costs are incurred and proposes projects and targets for cost reduction. This book is designed to provide a well-structured map broken down into simple tasks and achievable goals. This book offers a structured approach to the techniques of cost management, from how costs are calculated by accountants, to the effective use of machines and labor, to the minimization of waste. It begins by looking at traditional methods of accounting and costing and whether these are helpful or accurate for project management. Practical examples of cost management in plastics processing are included, together with many useful flow charts and diagrams to illustrate the points under discussion. Enables plastics processors to institute an effective cost management system, going beyond simply trying to cut costs Provides a holistic perspective on cost management, shining a light on areas on costs which may not have previously been considered or accounted for, and proposing projects and targets for cost reduction Serves as a route map to help companies move toward improved margins and greater profitability
Of interest to both academics and practitioners who assist in making Shariah-centric strategies, this work is particularly important as Asia holds a major percentage of Islamic assets in South Asia, Southeast Asia, and the Middle East, with new opportunities opening in Central Asia.
The AT&T Documentation Guide
Acronyms Dictionary
Building Information Modelling (BIM) in Design, Construction and Operations II
Agile Management
Agile Project Management
Petroleum Engineer's Guide to Oil Field Chemicals and Fluids
Guidance Manual for Coagulant Changeover
Every product development professional should have a copy of this book because it covers the entire spectrum of the product design process. In particular, it emphasizes that a total design approach--in all its complexity--is absolutely essential for consistent success in product development.
Michael R. Lindeburg PE's FE Chemical Review Manual offers complete review for the NCEES FE Chemical exam. This book is intended to guide you through the Chemical Fundamentals of Engineering (FE) examination body of knowledge and the idiosyncrasies of the National Council of Examiners for Engineers and Surveyors (NCEES) FE Reference Handbook (NCEES Handbook). This book is not intended as a reference book, because you cannot use it while taking the FE examination. The only reference you may use is the NCEES Handbook. However, the NCEES Handbook is not intended as a teaching tool, nor is it an easy document to use. The NCEES Handbook was never intended to be something you study or learn from, or to have value as anything other than an examday compilation. Many of its features may distract you because they differ from what you were expecting, were exposed to, or what you currently use. To effectively use the NCEES Handbook, you must become familiar with its features, no matter how odd they may seem. FE Chemical Review Manual will help you become familiar with the format, layout, organization, and odd conventions of the NCEES Handbook. This book, which displays the NCEES Handbook material in blue for easy identification, satisfies two important needs: it is (1) something to learn from, and (2) something to help you become familiar with the NCEES Handbook. Topics Covered Chemical Reaction Engineering Chemistry Computational Tools Engineering Sciences Ethics and Professional Practice Fluid Mechanics/Dynamics Heat Transfer Mass Transfer and Separation Material/Energy Balances Materials Science Mathematics Probability and Statistics Process Control Process Design and Economics Safety, Health, and Environment Thermodynamics Key Features: Complete coverage of all exam knowledge areas. Equations, figures, and tables of the NCEES FE Reference Handbook to familiarize you with the reference you'll have on exam day. Concise explanations supported by exam-like example problems, with step-by-step solutions to reinforce the theory and application of fundamental concepts. A robust index with thousands of terms to facilitate referencing. Binding: Paperback PPI, A Kaplan Company
A translation and fully updated version of the French title "Controles de qualit en construction routi re", 1987. This book presents the total panorama of the methods and means available to the various interveners.
Anglo-American and German abbreviations in data processing
Military Personnel
Handbook of Probiotics and Prebiotics
Manufacturing and Properties
Creating Innovative Products Using Total Design
A Guide to Alphabetic Designations, Contractions, and Initialisms
An Asian Perspective
This Dictionary covers information and communication technology (ICT), including hardware and software; information networks, including the Internet and the World Wide Web; automatic control; and ICT-related computer-aided fields. The Dictionary also lists abbreviated names of relevant organizations, conferences, symposia and workshops. This reference is important for all practitioners and users in the areas mentioned above, and those who consult or write technical material. This Second Edition contains 10,000 new entries, for a total of 33,000.
There are four broad topics covered in Agile Project Management: opportunity, principles, framework and practices. The opportunity lies in creating innovative products and services-things that are new, different, and creative.These are products that can't be defined completely in the beginning but evolve over time through experimentation, exploration, and adaptation.The book discusses the Agile Revolution; describe the value and principles that actuate APM; cover the APM process framework and individual practices; examine how agile principles are used and underscores; and how APM helps address the changing nature of new product development.
Since the publication of the first edition in 1999, the science of probiotics and prebiotics has matured greatly and garnered more interest. The first handbook on the market, Handbook of Probiotics and Prebiotics: Second Edition updates the data in its predecessor, and it also includes material topics not previously discussed in the first edition, including methods protocols, cell line and animal models, and coverage of prebiotics. The editors supplement their expertise by bringing in international experts to contribute chapters. This second edition brings together the information needed for the successful development of a pro- or prebiotic product from laboratory to market.
Materials and Methods
Finding and Using Product Information
Strategies, Targets, Techniques, and Tools
Anglo-American and German Abbreviations in Science and Technology
The Pesticide Encyclopedia
Advances in Agronomy
Vol. 1: A - I. Vol. 2: J - Z
This is the most comprehensive dictionary of maintenance and reliability terms ever compiled, covering the process, manufacturing, and other related industries, every major area of engineering used in industry, and more. The over 15,000 entries are all alphabetically arranged and include special features to encourage usage and understanding. They are supplemented by hundreds of figures and tables that clearly demonstrate the principles & concepts behind important process control, instrumentation, reliability, machinery, asset management, lubrication, corrosion, and much much more. With contributions by leading researchers in the field: Zaki Yamani Bin Zakaria Department, Chemical Engineering, Faculty Universiti Teknologi Malaysia, Malaysia Prof. Jelenka B. Savkovic-Stevanovic, Chemical Engineering Dept, University of Belgrade, Serbia Jim Drago, PE, Garlock an EnPro Industries family of companies, USA Robert Perez, President of Pumpcalcs, USA Luiz Alberto Verri, Independent Consultatnt, Verri Veritatis Consultoria, Brasil Matt Tones, Garlock an EnPro Industries family of companies, USA Dr. Reza Javaherdashti, formerly with Qatar University, Doha-Qatar Prof. Semra Bilgic, Faculty of Sciences, Department of Physical Chemistry, Ankara University, Turkey Dr. Mazura Jusoh , Chemical Engineering Department, Universiti Teknologi Malaysia Jayesh Ramesh Tekchandaney, Unique Mixers and Furnaces Pvt. Ltd. Dr. Henry Tan, Senior Lecturer in Safety & Reliability Engineering, and Subsea Engineering, School of Engineering, University of Aberdeen Fiddoson Fiddo, School of Engineering, University of Aberdeen Prof. Roy Johnsen, NTNU, Norway Prof. N. Sitaram , Thermal Turbomachines Laboratory, Department of Mechanical Engineering, IIT Madras, Chennai India Ghazaleh Mohammadali, IranOilGas Network Members' Services Greg Livelli, ABB Instrumentation, Warminster, Pennsylvania, USA Gas Processors Suppliers Association (GPSA)
Best practices for managing projects in agile environments—now updated with new techniques for larger projects Today, the pace of project management moves faster. Project management needs to become more flexible and far more responsive to customers. Using Agile Project Management (APM), project managers can achieve all these goals without compromising value, quality, or business discipline. In Agile Project Management, Second Edition, renowned agile pioneer Jim Highsmith thoroughly updates his classic guide to APM, extending and refining it to support even the largest projects and organizations. Writing for project leaders, managers, and executives at all levels, Highsmith integrates the best project management, product management, and software development practices into an overall framework designed to support unprecedented speed and mobility. The many topics added in this new edition include incorporating agile values, scaling agile projects, release planning, portfolio governance, and enhancing organizational agility. Project and business leaders will especially appreciate Highsmith's new coverage of promoting agility through performance measurements based on value, quality, and constraints. This edition's coverage includes: Understanding the agile revolution's impact on product development Recognizing when agile methods will work in project management, and when they won't Setting realistic business objectives for Agile Project Management Promoting agile values and principles across the organization Utilizing a proven Agile Enterprise Framework that encompasses governance, project and iteration management, and technical practices Optimizing all five stages of the agile project: Envision, Speculate, Explore, Adapt, and Close Organizational and product-related processes for scaling agile to the largest projects and teams Agile project governance solutions for executives and management The "Agile Triangle": measuring performance in ways that encourage agility instead of discouraging it The changing role of the agile project leader
Rapid One-of-a-kind Product Development discusses research in the development of new enabling technologies for small and medium companies. Scientific advancements presented include a novel product data modelling scheme to model product design, manufacturability and knowledge under a common data object; customised product development in a distributed environment; and new adaptive scheduling methods for the optimal production of a wide variety of customised products, taking into consideration all of the possible changes from customers and the uncertainties in manufacturing. The book also includes research towards a computer aided customer interface, which allows customer requirements and changes to be processed and integrated with technical designs in real time; adaptive and concurrent CAD methods and algorithms; and product modelling and system integration technologies. The reader will learn how to: • translate customer requirements to technical attributes; • develop new and innovative products to meet customer requirements and expectations; • evaluate and optimise a project design; • design production systems and use them efficiently; and • manage a variety of customised products. Rapid One-of-a-kind Product Development demonstrates how to develop new methods, tools and algorithms to address the problems in a mass customisation environment. It is a valuable source of information for researchers and engineers in the fields of design and manufacturing.
A Guide to Acronyms, Abbreviations, Contractions, Alphabetic Symbols, and Similar Condensed Appellations. Volume 1
General Business and Economic Understandings
From Trade Catalogues to Computer Systems
The Line Starts Here
Adaptive Software Development
THE #1 REFERENCE ON BUILDING CONSTRUCTION—UPDATED FROM THE GROUND UP Edward Allen and Joseph Iano's Fundamentals of Building Construction has been the go-to reference for thousands of professionals and students of architecture, engineering, and construction technology for over thirty years. The materials and methods described in this new Seventh Edition have been thoroughly updated to reflect the latest advancements in the industry. Carefully selected and logically arranged topics—ranging from basic building methods to the principles of structure and enclosure—help readers gain a working knowledge of the field in an enjoyable, easy-to-understand manner. All major construction systems, including light wood frame, mass timber, masonry, steel frame, light gauge steel, and reinforced concrete construction, are addressed. Now in its Seventh Edition, Fundamentals of Building Construction contains substantial revisions and updates. New illustrations and photographs reflect the latest practices and developments in the industry. Revised chapters address exterior wall systems and high-performance buildings, an updated and comprehensive discussion of building enclosure science, evolving tools for assessing environmental and health impacts of building materials, and more. New and exciting developments in mass timber construction are also included. This Seventh Edition includes: 125 new or updated illustrations and photographs, as well as 40 new photorealistic renderings The latest in construction project delivery methods, construction scheduling, and trends in information technology affecting building design and construction Updated discussion of the latest LEED and Living Building Challenge sustainability standards along with expanded coverage of new methods for assessing the environmental impacts of materials and buildings Expanded coverage of mass timber materials, fire resistance of mass timber, and the design and construction of tall wood buildings Revised end-of-chapter sections, including references, websites, key terminology, review questions, and exercises Fully-updated collection of best-in-class ancillary materials: PowerPoint lecture slides, Instructor's Manual, Test Bank, Interactive Exercises, and more Companion book, Exercises in Building Construction, available in print and eBook format For the nuts and bolts on building construction practices and materials, Fundamentals of Building Construction: Materials and Methods, 7th Edition lays the foundation that every architect and construction professional needs to build a successful career.
This book addresses different aspects of green biocomposite manufacture from natural fibres and bioplastics, including the manufacturing procedures and the physical, mechanical, thermal and electrical properties of green biocomposites. Featuring illustrations and tables that maximize reader insights into the current research on biocomposites, it emphasises the role of green technology in the manufacture of biocomposites and analysis of properties of biocomposites for different applications. It is a valuable resource for researchers and scientists in industry wanting to understand the need for biocomposites in the development of green, biodegradable and sustainable products for different applications.