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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Additives for Coatings; Contents; 1 Introduction; 1.1 Additives in Coating Materials; 1.2 Definitions; 1.3 Classification According to Function; 1.4 Quantities Used; 1.5 Economic Significance of Coating Additives; References; 2 Basics; 2.1 Introduction; 2.2 Interactions; 2.3 Chemical Composition; 2.4 Effectiveness of Additives; 2.5 Applications; References; 3 Thickeners; 3.0 Basics; 3.0.1 Introduction; 3.0.2 Rheology and Viscosity; 3.0.3 Viscosity Measurement; 3.1 Inorganic Thickeners; 3.1.1 Introduction; 3.1.2 Organoclays; 3.1.3 Production of the Organoclays; 3.1.4 Rheology and Organoclays 3.1.5 Influence of Organoclays on Various Coating Properties3.1.5.1 Sedimentation; 3.1.5.2 Sagging; 3.1.5.3 Flow and Levelling; 3.1.6 Incorporation Procedures; 3.1.6.1 Powder Method; 3.1.6.2 Paste Method; 3.1.6.3 Easily Dispersable Organoclays; 3.1.7 Trade Products; 3.2 Organic Thickeners; 3.2.0 Introduction; 3.2.0.1 Organic Thickeners for Water-Borne Paints; 3.2.0.2 Thickeners for Solvent-Based Paints; 3.2.1 Cellulose Derivatives; 3.2.1.1 The Chemistry of Cellulose Derivatives; 3.2.1.2 The Addition of Cellulose Ethers to Paints; 3.2.1.3

Paint Properties Influenced by Cellulose Ethers

3.2.1.4 Associative Cellulose Ethers 3.2.1.5 Commercial Products;
3.2.1.6 New Developments; 3.2.1.7 Toxicology and Disposal; 3.2.2 PUR
Thickeners; 3.2.2.1 Introduction; 3.2.2.2 Chemical Composition and
Delivery Form; 3.2.2.3 Thickening Mechanism; 3.2.2.4 Application
Properties of PUR Thickeners; 3.2.2.5 Applications; 3.2.2.6 Formulation
of Coating Materials with PUR Thickeners; 3.2.2.7 Coating Properties;
3.2.2.8 Commercial Products; 3.2.3 Organic Thickeners for Solvent-
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Hydrogenated Castor-Oil-Based Thickeners
3.2.3.4 Polyamides 3.2.3.5 Overbased Sulphonates; 3.2.3.6 Polyolefins;
3.2.3.7 Commercial Products; References; 4 Surface-Active Agents; 4.1
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Media: Practical Evaluation; 4.1.4 Chemical Composition of Wetting and
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Flocculation; 4.1.6.6 Flooding: Rub-Out Test; 4.1.7 Biological and
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Introduction; 4.2.2 Foam Formation in Aqueous Paints; 4.2.3 Causes of
Foam Stabilization; 4.2.3.1 Stability-Reducing Parameters; 4.2.3.2
Parameters That Promote Foam Stability
4.2.4 Composition and Effect of Defoamers and Foam Inhibiting Agents

Sommario/riassunto

No doubt: A perfect coating has to look brilliant! But other properties of coatings are also most important. Coatings have to be durable, tough and easily applicable. Additives are the key to success in achieving these characteristics, even though the amounts used in coating formulations are small. It is not trivial at all to select the best additives. In practice, many series of tests are often necessary, and the results do not explain, why a certain additive improves the quality of a coating and another one impairs the coating. This book is dedicated to developers and applicant

2. Record Nr.	UNINA9910813442303321
Autore	Yue Yuan
Titolo	A changing China : day to day life in the new century // Yuan Yue and Zhang Jun
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ISBN	1-84464-402-2
Descrizione fisica	1 online resource (159 p.)
Collana	Life in China
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Soggetti	Creative ability - Economic aspects - China China Economic conditions China Social conditions
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Nota di contenuto	Cover; Title Page; About Yuan Yue; About Zhang Jun; Have a Look at Yourself in the Past; First Foreword to the Chinese Edition; Second Foreword to the Chinese Edition; Table of Contents; Chapter One: The Tightly Wound Up Lives of Chinese; Popular fast-food meals; Super-busy express delivery services; In-your-face trendiness; The work day which never ends; Women who are afraid to become mothers; The elderly who never retire; Health: Neglecting it on one side, buying health products on the other; Chapter Two: The Chinese Struggle for Success Struggling for success in another place away from homeThe floating population in the cities; The changing capital in the job market; Migrant labor workers: I want to disappear into the city; Staying at home when everyone else is moving; The moving elderly: the falling leaves which can't find their roots; Autos: Adding color to the struggle for success; After the struggle: please give me some peace!; Chapter Three: The Chinese Who Can't Wait; Education should start early, the early years fade quickly; Buying a home: starting at graduation Retirement: The dream which begins when they start their careerInvesting: Accelerated joy and worry; Chapter Four: The Chinese Who Take Down Barriers; The Relationship Between the Sexes: From

Clearly Defined Roles to Complementary Roles; Love and marriage have become a game; Home responsibilities: From each having his/her own responsibility, to fighting together shoulder to shoulder; Power in the household: No big or small; From the old taking care of the young to the young who are never weaned; From having a child to care for one's own old age, to society taking care of the old

The workplace: Time is a butcher's knife; Chapter Five: The Chinese Who Stay within Their Confines; Always choosing a "human companion"; Old wine in a new bottle, the search for a marriage partner never ends; Marriage assets enter the contract age; For a couple, anything can be discussed; From one-child policy to planning a family; From several generations in one home, to the distance of a bowl of soup; Work is finding the right battlefield; Chapter Six: The Chinese in Full Bloom; When online purchases become a habit; Consumer credit: Enjoying life earlier

Shanzhai: A shortcut between classes; Consuming fractured time: boredom brings business opportunities; Vacation consumerism: Taking the heart to enjoy the scenery; The rise of the new consumers: COM; Chapter Seven: The Chinese Trapped in the Internet; In the Internet, we are all Spiderman; The blurred line between the virtual world and reality; Games on the Internet: Mixing reality and fantasy; The information moat becomes a highway; The diseased ones are us, not the Internet; Afterword: Using Details to Show the Change in Living, Using Data to Reflect the Changes
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