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Titolo	Paint Analysis : 2nd Revised Edition / / Roger Dietrich
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Soggetti	SCIENCE / Chemistry / General
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Foreword -- Contents -- Part I General information about paint analysis -- 1 The surface -- 2 Why paint analysis? -- 3 Relevance of modern analytical techniques to paint analysis -- 4 General considerations -- 5 Chemical mapping -- 6 Depth profiling -- 7 Instrumentation -- Part II Coating failure analysis -- 1 The bumpy road to knowledge -- 2 The analytical procedure -- 3 The power of sampling -- 4 Paint failures and their analytical approach -- Part III Quality control and process analysis -- 1 Quality control of raw material -- 2 Quality control of paint production -- 3 Field analysis -- Part IV Methods of coating analysis -- 1 Optical light microscopy -- 2 Fluorescence microscopy -- 3 Infrared spectroscopy -- 4 Surface infrared spectroscopy -- 5 Infrared microscopy -- 6 Raman spectroscopy -- 7 Time-of-flight secondary ion mass spectrometry -- 8 Scanning electron microscopy -- 9 Electron microanalysis -- 10 X-ray photoelectron spectroscopy -- 11 GC-MS -- 12 Thin layer chromatography TLC-ATR-FT-IR -- 13 References -- Author/Acknowledgements -- Index
Sommario/riassunto	The market demands modern, high-performance, flawless paints that possess specified properties. Where deviations from set points occur, the cause must be investigated and the error must be remedied. What "standard methods" don't disclose is why a particular coating either meets or fails to meet a requirement. Thus the author presents modern analytical techniques and their applications in the coatings industry

that answer further complex questions. The information in this book can be used for performing failure analysis, production control and quality control, and also meet the requirements of modern high-level quality management. An excellent combination of theory and practice for formulators, paint engineers and applied technologists seeking a sound basic introduction to instrumental paint analysis and concrete answers to everyday problems.

2. Record Nr.

Titolo

UNINA9910689492703321

Combating terrorism : management of medical supplies : hearing before the Subcommittee on National Security, Veterans Affairs, and International Relations of the Committee on Government Reform, House of Representatives, One Hundred Sixth Congress, second session, March 8, 2000

Descrizione fisica

1 online resource (iii, 55 p.)

Soggetti

Emergency management - United States
Disaster medicine - Government policy - United States
Emergency medical services - Government policy - United States
Medical supplies - United States - Management
Victims of terrorism - Medical care - United States
Bioterrorism - Health aspects - United States
Nuclear terrorism - Health aspects - United States

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