

1. Record Nr.	UNINA9910144328503321
Titolo	Adhesives and adhesive tapes // Gerhard Gierenz, Werner Karmann, (editors)
Pubbl/distr/stampa	Weinheim, [Germany] : , : Wiley-VCH, , 2001 ©2001
ISBN	1-281-84244-3 9786611842444 3-527-61280-7 3-527-61281-5
Descrizione fisica	1 online resource (148 p.)
Disciplina	668.3 668/.3
Soggetti	Adhesives Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Adhesives and Adhesive Tapes; Contents; 1. Adhesives; 1.1. Introduction; 1.2. Adhesion Theories; 1.3. Definitions; 1.4. Raw Materials for Adhesives; 1.5. Classification of Adhesives; 1.6. Individual Adhesive Systems; 1.6.1. Adhesives That Set Without a Chemical Reaction; 1.6.1.1. Solvent-Free Adhesive Systems; 1.6.1.2. Adhesive Solutions from Which the Solvents Escape before Bonding; 1.6.1.3. Adhesive Solutions from Which the Solvents Evaporate during Bonding; 1.6.1.4. Aqueous Emulsions of Polymeric Compounds; 1.6.2. Adhesives Setting by Chemical Reaction 1.6.2.1. Adhesives Setting by Polymerization 1.6.2.2. Adhesives Setting by Polyaddition; 1.6.2.3. Adhesives Setting by Polycondensation; 1.6.2.4. Vulcanizing Adhesives; 1.6.2.5. Ultraviolet/Electron Beam (UV/EB) Curing Adhesives; 1.6.2.6. Conductive Adhesives; 1.7. Bonding Techniques; 1.8. Testing of Adhesives; 1.9. Applications of Adhesives; 1.9.1. Bookbinding; 1.9.2. Adhesives for Packaging and Packaging Materials; 1.9.3. Nonwovens Hygiene Industry; 1.9.4. Hygienic Papers; 1.9.5. Gluing of Wood and Wooden Materials; 1.9.6. Footwear

Adhesives; 1.9.7. Bonding of Plastics  
1.9.8. Bonding of Elastomers  
1.9.8.1. Adhesion of Rubber; 1.9.8.2. Bonding of Rubber; 1.9.9. Bonding of Metals; 1.9.10. Adhesives for Wallcoverings; 1.9.11. Floorcovering Adhesives; 1.9.12. Building Construction Adhesives; 1.9.13. Adhesives for Bonding Textile Fabrics; 1.9.14. Flocking Adhesives; 1.9.15. Adhesives for Bonding Glass; 1.9.16. Adhesives in Automobile Manufacture; 1.9.17. Adhesives in Aircraft Construction; 1.9.18. Adhesives and Sealants in Electronics; 1.9.19. Medical Adhesives; 1.9.20. Household Adhesives; 1.9.21. Applications of Anaerobic Adhesives; 1.10. Economic Aspects  
2. Adhesive Tapes  
2.1. Introduction; 2.2. Pressure-Sensitive Adhesion; 2.2.1. Mechanism of Pressure-Sensitive Adhesion; 2.2.2. Dynamic Mechanical Analysis; 2.3. Test Methods; 2.4. Raw Materials; 2.4.1. Elastomers; 2.4.2. Tackifier Resins; 2.4.3. Plasticizers; 2.4.4. Fillers; 2.4.5. Stabilizers; 2.4.6. Release Coatings; 2.5. Manufacturing Processes; 2.5.1. Compounding; 2.5.2. Coating; 2.5.3. Drying; 2.5.4. Cross-linking/ Curing; 2.5.5. Slitting, Cutting; 2.6. Adhesive Tape Products; 2.6.1. One-sided Adhesive Tapes; 2.6.1.1. Film Tapes; 2.6.1.2. Fiber-Reinforced Tapes; 2.6.1.3. Paper Tapes; 2.6.1.4. Textile Tapes; 2.6.1.5. Other Backings; 2.6.1.6. Electrical Tapes; 2.6.2. Double-Sided Adhesive Tapes; 2.6.2.1. Standard Double-Sided Tapes; 2.6.2.2. Transfer Tapes; 2.6.2.3. Adhesive Pads and Strips; 2.6.2.4. High-Performance Tapes; 2.6.3. Medical Tapes; 2.7. References; Subject index

---

## Sommario/riassunto

Adhesion is among the oldest technologies known to mankind, but the technology of adhesives began to boom with the developments in chemistry in the early 1900s. The last few years have seen tremendous progress in the performance of adhesives, allowing two pieces to be connected inseparably. Modern adhesives perform so well that more sophisticated joining methods, e.g. welding, can often be replaced by adhesion, meaning that adhesives have found new areas of application. This book allows readers to quickly gain an overview of the adhesives available and to select the best adhesive for each p

---

2. Record Nr.	UNINA9910133988203321
Titolo	Asian and African studies // Department of Oriental Studies of the Slovak Academy of Sciences Bratislava
Pubbl/distr/stampa	Bratislava : , : Vydavateľstvo Slovenskej akadémie vied, , 1965- Bratislava : Institute of Oriental and African Studies, Slovak Academy of Sciences
ISSN	2585-8793
Descrizione fisica	1 online resource
Disciplina	950/.05
Soggetti	Education Afrikanistik Orientalistik Periodicals. Zeitschrift Asia Study and teaching Periodicals Africa Study and teaching Periodicals Asia Periodicals Africa Periodicals Africa Asia
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed