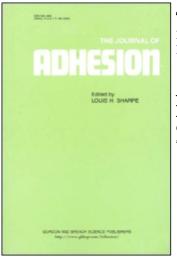
This article was downloaded by: On: 22 January 2011 Access details: Access Details: Free Access Publisher Taylor & Francis Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



The Journal of Adhesion

Publication details, including instructions for authors and subscription information: http://www.informaworld.com/smpp/title~content=t713453635

A review of: "ADHESION 7, edited by K. W. Allen. Applied Science Publishers, London and New York, 1983, 271 pp. (\$32.00)." George F. Hardy^a ^a 178 Central Avenue, Madison, NJ

To cite this Article Hardy, George F.(1984) 'A review of: "ADHESION 7, edited by K. W. Allen. Applied Science Publishers, London and New York, 1983, 271 pp. (\$32.00).", The Journal of Adhesion, 17: 3, 243 – 244 To link to this Article: DOI: 10.1080/00218468408074932 URL: http://dx.doi.org/10.1080/00218468408074932

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: http://www.informaworld.com/terms-and-conditions-of-access.pdf

This article may be used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

J. Adhesion, 1984, Vol. 17, pp. 243–244 0021-8464/84/1703-0243 \$18.50/0 © 1984 Gordon and Breach Science Publishers, Inc. Printed in the United Kingdom

Book Review

ADHESION 7, edited by K. W. Allen. Applied Science Publishers, London and New York, 1983, 271 pp. (\$32.00).

As in the previous members of this series, the 13 papers in this volume were presented at the annual Conference on Adhesion and Adhesives, City University, London. This conference, held in 1982, marked the 20th anniversary. The range of topics covered was, as usual, broad, from studies of basic theory to descriptions of practical applications and surveys of progress in the adhesives industry. It contrast with previous years, however, there seemed to be a stronger emphasis on the industrial side of the subject. Although the majority of the contributors were British, the conference was international in scope, with two papers by US authors, and one each from Australia, Poland, the USSR and Iraq.

The list of contents is as follows:

1. Development of a One-Part Electrically Conductive Adhesive System (38 pp.), Sharpe, Chandross and Hartless.

2. The Mechanics of Peel (20 pp.), Adams, Crocombe and Harris.

3. Butt Fusion Welding of High Density Polyethylene Pipe (28 pp.), Barton and Cherry.

4. Adhesion and Durability of Metal/Polymer Bonds (8 pp.), Venables.

5. Significance of Wetting for Adhesion Behavior of Alumina Ceramic (14 pp.), Allen, Greenwood and Wake.

6. Cyanoacrylate Adhesives of Potential Medical Use (26 pp.), Al-Khawam, Brewis and Glasse.

7. Development in Industrial Adhesives in Poland as a Reflection of the World's Trends (14 pp.), Kozakiewicz and Lendzion.

8. A Thermodynamic Approach to Processing New Adhesives (24 pp.), Lipatov.

BOOK REVIEW

9. Adhesive Joint Failure—a Fracture Mechanics Approach (24 pp.), Shaw.

10. Adhesives Based on Starch (24 pp.), Lazarus.

11. A Review of Adhesives for the Flexible Packaging Industry During the 1980s (32 pp.), Ashley.

12. Effect of Surface Preparation of Titanium on Cross-Linking of Epoxy Adhesives (6 pp.), Alsalim.

13. Adhesive Joints in a Rapid Cycling Bubble Chamber (12 pp.), Langridge.

In approaching a collection this diverse, the reader will be influenced by his or her personal bias. This reviewer found the papers by Barton and Cherry, Shaw and Lazarus to be of particular interest. It was to be regretted, however, that the latter did not place more emphasis on the possibility of future advances in starch and other polysaccharide adhesives.

There have been some visible changes in the production of this series with the current volume. There has been a drastic reduction in price, and the binding is now protected with a plastic coating which should enhance its durability. On the negative side, the text has been reproduced in an unnecessarily small type style, and a rather large number of typographical errors have escaped correction.

GEORGE F. HARDY

178 Central Avenue, Madison, NJ 07940, U.S.A.