

INSTRUCTIONS FOR CONTRIBUTORS TO REVIEWS OF ADHESION AND ADHESIVES

Scope

With the explosion of research activity and reports, the need for concise and critical reviews of topics of contemporary research interest is manifest.

Reviews of Adhesion and Adhesives (RAA) provides in-depth, incisive, illuminating and thought-provoking reviews written by subject matter experts covering all aspects of adhesion science and adhesive technology. Each review will be imbued with the author's experience so that the reader will be able to assimilate the research in the area discussed easily and will be able to apply it in practice.

The journal has relevance to a myriad of industries including textiles, printing, coatings, aerospace, medical, nanotechnology, biotechnology, building and construction, and microelectronics.

The topics to be covered include, but not limited to, basic and theoretical aspects of adhesion; modeling of adhesion phenomena; mechanisms of adhesion; surface and interfacial analysis and characterization; unraveling of events at interfaces; characterization of interphases; adhesion of thin films and coatings; adhesion aspects in reinforced composites; formation, characterization and durability of adhesive joints; surface preparation methods; polymer surface modification; biological adhesion; particle adhesion; adhesion of metallized plastics; adhesion of diamond-like films; adhesion promoters; contact angle, wettability and adhesion; superhydrophobicity and superhydrophilicity. With regard to adhesives, RAA will include, but not limited to, green adhesives; novel and high-performance adhesives; and medical adhesive applications.

1. Submission of a Manuscript for Review

Send either one hard copy of the manuscript with double spacing or a PDF file as an e-mail attachment to:

Dr. K.L. Mittal

Editor: Reviews of Adhesion and Adhesives

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Authors should take the time to obtain permissions (if they are using figures that have been previously published) and check all references, figures, tables, and text for errors before submission of the manuscript. Any incomplete manuscript will cause a delay in the review

process and ultimately in publication. The submission to RAA should be exclusive.

2. Submission of an Accepted Manuscript for Publication

Final manuscript should be submitted to Dr. Mittal and this should comprise one clean printout double-spaced and corresponding CD in Word. Please follow the instructions below.

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The online edition will be in color, so submit ALL figure files in color. However, as there will also be printed issues, figures need to be made ready for print. Generally, figure resolution needs to be 600 dpi *at the size it will be used*. (Keep in mind that large figures will need to be downsized by our typesetter.) The exceptions are line art, which should be 800 dpi *at the size it will be used*, and grey scale charts and photos, which should be 400 dpi *at the size they will be used*. Save all scanned files as either high-resolution TIF or EPS.

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When creating a file name for your electronic figures, avoid all punctuation except the hyphen, as these can corrupt the file. Use your surname and fig number (For example: use “Smith-07.tif”

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Make sure to note the approximate placement in the manuscript. Each figure and table should be referenced to in the appropriate place in the text.

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Figure captions should be in sentence style and should be displayed as “Figure 9”. Table headings should be displayed as “Table 1”. If there are credits for figures or tables, they should follow the caption or heading in parentheses. Captions and headings should be sufficiently descriptive so that the table or figure is understandable should it stand alone in page placement. Captions and headings should not be saved with the figure, but in the separate List of Figures and Tables.

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The journal will be printed in black & white unless the author pays a fee toward color printing which is \$1000.00. This fee is payable at the time of final submission. The typesetter will convert all color figures to black & white.

3. Conflict of Interest

All financial support the contributor(s) have received for research covered in the contribution must be acknowledged in the contribution, including any industry, or business support. Any potential appearance of conflict of interest regarding financial or commercial related interests should be discussed with the Editor in order to evaluate if any further acknowledgement in the contribution should be made.

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Each article should be summarized in a double-spaced abstract of no more than 150 words. Avoid abbreviations, diagrams, and references to the text.

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Contributors must supply 3-5 alphabetized key words or phrases that identify the most important subjects covered by the paper.

4.5. References

Citation to *Reviews of Adhesion and Adhesives* is *Rev. Adhesion Adhesives*

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Journal article:

C.J. van Oss, R.J. Good and M.K. Chaudhury, Additive and non-additive surface tension components and the interpretation of contact angle data.

Langmuir **4**, 884-891 (1988).

Authored book:

A.W. Adamson and A.P. Cast, *Physical Chemistry of Surfaces*, sixth edition, pp. 32-33. John Wiley & Sons, New York (1997)

Edited volume:

K.L. Mittal, (Ed.), *Polymer Surface Modification: Relevance to Adhesion*, Vol. 5, VSP/Brill, Leiden (2009).

Chapter in edited volume:

J.P. Matinlinna, J.E. Dahl, S. Karlsson, L.V.J. Lassila and P.K. Vallitu, The effect of the novel silane system on the flexural properties of E-glass fiber-reinforced composites for dental use, in *Silanes and Other Coupling Agents*, Vol. 5, K.L. Mittal, (Ed), pp. 107-121, VSP/Brill, Leiden (2009).

Paper in a Proceedings volume:

F. Loibl, C. Holtz and H.C. Langowski, Improving the emptying behavior of packaging via coating their surfaces with plasma-polymerized nanoscale layers, in *Proceedings of the 51st Annual Technical Conference of the Society of Vacuum Coaters*, pp. 554-558(2008).

Dissertation/Thesis:

D.Y. Kwok, Contact angles and surface energetics, PhD thesis, University of Toronto, Toronto, Canada (1998).

Standard:

Standard specification for ultra-high-molecular-weight polyethylene molding and extrusion materials, ASTM D4020-05 (2007)

Web Citation:

Mitsui Chemicals, Apel™ cyclo olefin copolymer (COC),
<http://www.mitsuichemicals.com/apel.htm> (2008).

Patent:

W.A. Anderson and G.N. Meckling, Polymeric bicyclo-(2,2,1)-2-heptene, US Patent 2721189, assigned to DuPont (October 18, 1955).

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If you have any questions concerning these instructions please contact Dr. Mittal or send a message to journals@scrivenerpublishing.com

July 18, 2012