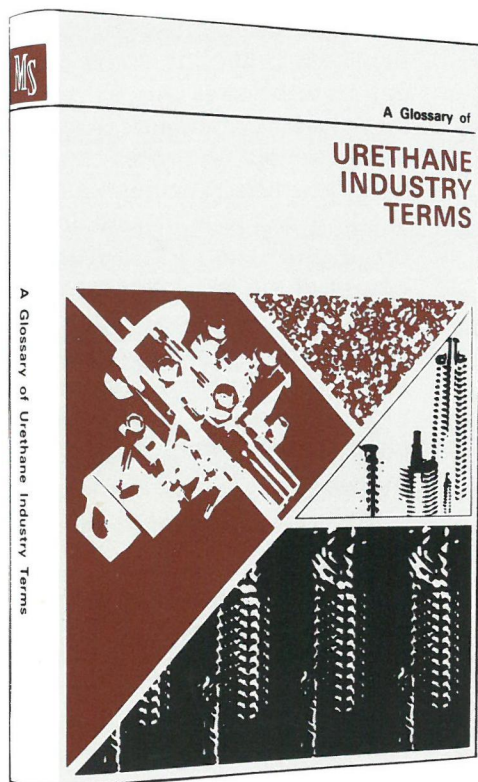


MS Urethane news

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Processing Tips and Techniques from The Martin Sweets Co., Inc.



ALL IN A SINGLE VOLUME...a comprehensive glossary of urethane industry terms; test methods for flexible and rigid foams; commonly used conversion factors and calculations; **plus** 15 nomographs to facilitate computations used in materials processing. This is the **only** glossary devoted exclusively to urethane terminology. It defines terms used in urethane chemistry, physics and processing; specifications; foams and foam machinery; epoxies and elastomers; and testing of chemicals and finished products. It's an invaluable reference. Use the enclosed postage-paid reply card to order your copy...only \$12.00, postage included, if payment accompanies your order. Substantial quantity discounts are available.

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"...For a long time the need has been felt to define terms that are employed daily in some phase of urethane foam technology not only for specialists in the field but also for people whose technical background is limited or who are relatively 'newcomers' to the growing number of urethane foam technologists. And finally a compilation of such terms in a concise and clear manner would certainly be most helpful to any person wishing to obtain a better understanding of the urethane foam field. A glossary of this kind should also be ideally suited for those who are interested and are engaged in the machine processing of urethane foam.

Mr. Stewart and The Martin Sweets Company deserve a special note of thanks from the whole urethane foam industry for this worthwhile task which has been carried out so valiantly and skillfully."

K.C.Frisch, Professor
Polymer Engineering and Chemistry
Director, Polymer Institute
University of Detroit

URETHANE INDUSTRY TERMS (EXCERPTS)

A

air bleed

a term which refers to the practice of injecting very small amounts of compressed air (or other gas) into the mixing chamber or into the polyol stream prior to the mixing chamber in order to decrease the average cell diameter in the foam. A high degree of control over cell diameter can be achieved with a precision regulated air bleed system. See also "catalyst air bleed adapter."

B

buckshotting

a term used in slightly different ways by many people but ordinarily refers to the presence of a scattering of cells 2 to 4 times larger than the uniform background cell diameter. If a thin section of the foam were cut from the block, it would look as if a shotgun had blasted it with buckshot.

continued