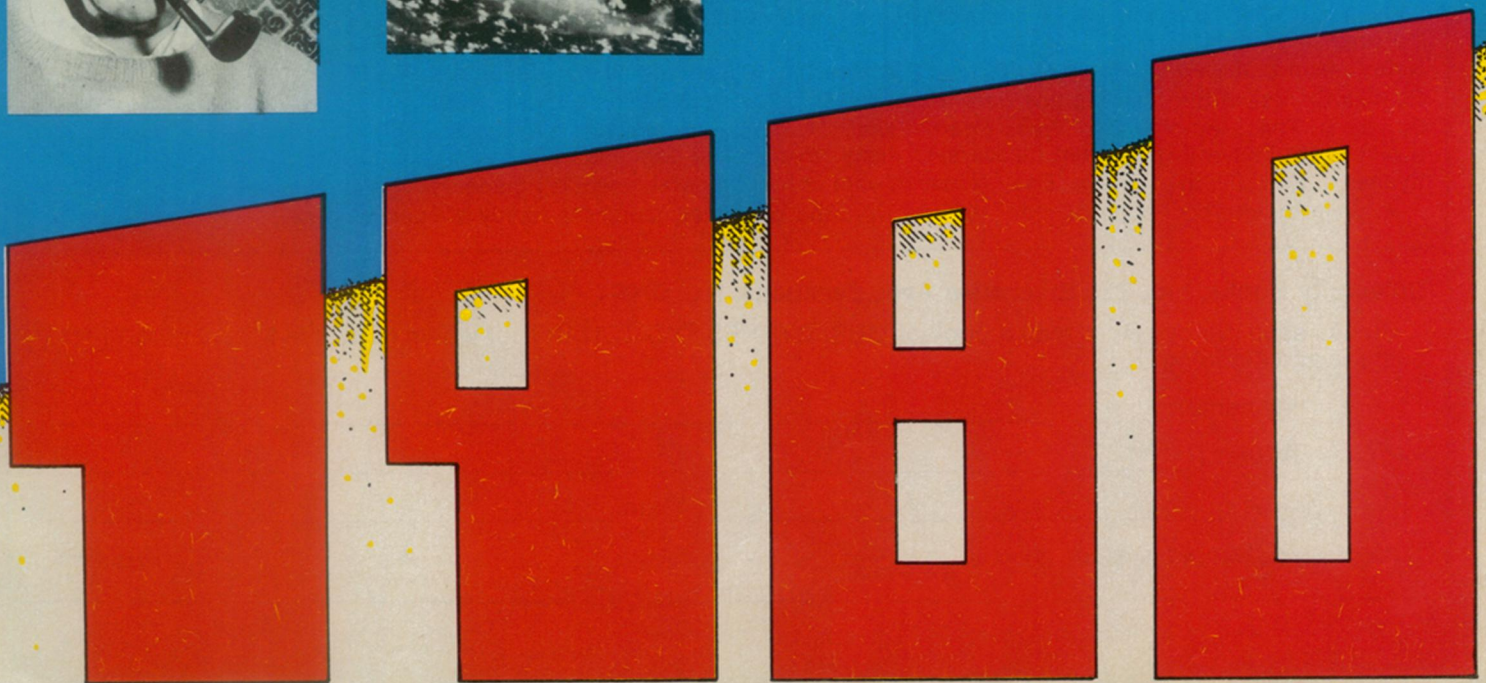
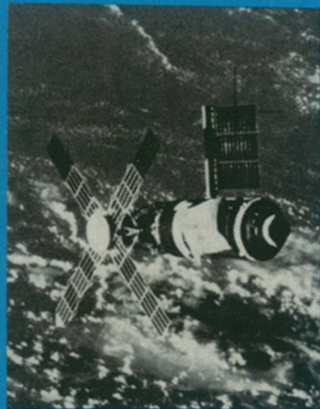
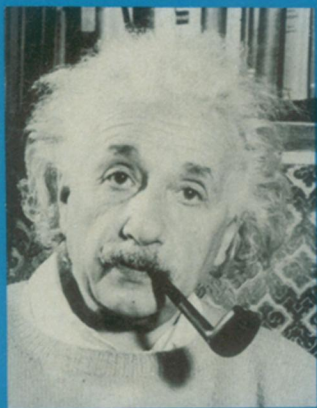


# SCIENCE NEWS

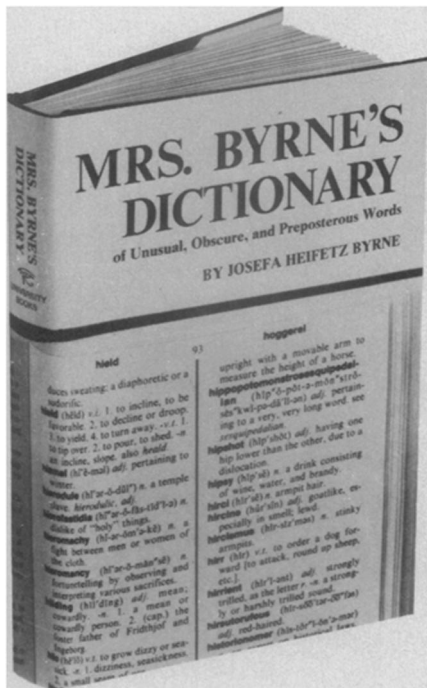
DECEMBER 22 & 29, 1979  
VOL. 116, NOS. 25 & 26

**YEAR END  
REVIEW  
SEMIANNUAL  
INDEX**



*For years I suffered terribly from*  
**LETHOLOGICA**  
*until a nice doctor friend prescribed*

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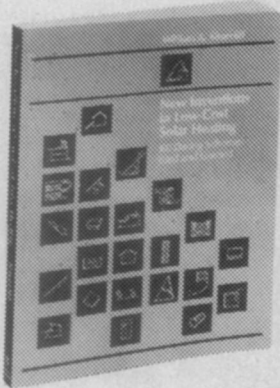
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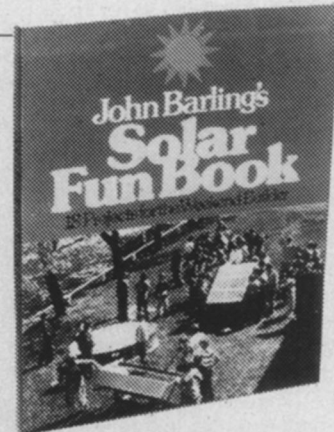
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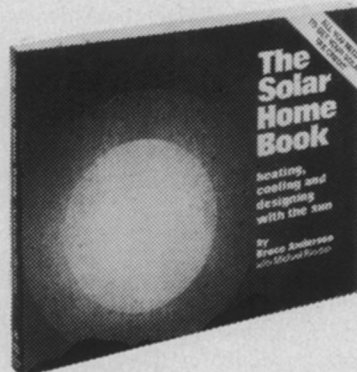


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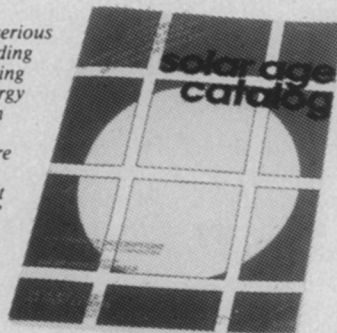
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**THE AMBIDEXTROUS UNIVERSE: Mirror Asymmetry and Time-Reversed Worlds** — Martin Gardner — Scribner, 2nd ed., 1979, 293 p., illus., \$9.95. Originally published in 1964, this book has been revised, updated and expanded to include five new chapters on the latest speculations on time and how they relate to physics and cosmology. [1]

**ASTRONOMY: An Introduction for the Amateur Astronomer** — Jacqueline Mitton — Scribner, 1979, 142 p., illus., \$7.95. The emphasis of this readable book is on the science behind astronomy and current astronomical knowledge. [2]

**ASTRONOMY WITH BINOCULARS** — James Muirden — T Y Crowell, 1979, 156 p., illus., \$8.95. Tells what astronomical observations can be made with binoculars. Discusses solar, planetary, comet, meteor, aurora, star and constellation observations, in addition to observations of our natural satellite, the moon. [3]

**BLACK HOLES: The Edge of Space, The End of Time** — Walter Sullivan — Anchor Pr. Doubleday, 1979, 303 p., illus., \$17.95. The science editor of The New York Times discusses research that has convinced many scientists that black holes exist and have been detected, and explains what they imply regarding the nature of space, time and matter. [4]

**CARE OF UNCOMMON PETS** — William J. Weber — HR&W, 1979, 222 p., illus., \$7.95. An informative book by a veterinarian on how to care for such pets as rabbits, guinea pigs, hamsters, mice, gerbils, ducks, frogs, turtles, snakes and budgerigars. Gives details on handling, housing, feeding, breeding and diseases. [5]

**ENDURANCE OF LIFE: The Implications of Genetics for Human Life** — Macfarlane Burnet — Cambridge U Pr, 1978, 230 p., charts & graphs, \$16.95. A Nobel laureate describes and interprets human aging in genetic terms. [6]

**ENERGY: THE NEXT TWENTY YEARS** — Hans H. Landsberg, Chr. — Ballinger Pub, 1979, 628 p., charts & graphs, \$25, paper, \$9.95. A report by a study group sponsored by the Ford Foundation and administered by Resources for the Future. The report does not focus on any specific crisis, but is concerned with the task of thinking about and recommending policies for the future. [7]

**THE EVOLUTION OF HUMAN SEXUALITY** — Donald Symons — Oxford U Pr, 1979, 358 p., \$15.95. Examines the differences between men and women. Our behavioral patterns, the author believes, were laid down in the hunter/gatherer stage of human existence with reproduction success the key to the evolution of human sexuality. [8]

**GRAVITATIONAL CURVATURE: An Introduction to Einstein's Theory** — Theodore Frankel — W H Freeman, 1979, 172 p., illus., \$18.50, paper, \$8.95. For those with some knowledge of basic differential geometry, the author presents a "geometric" way to view the basic aspects of general relativity. [9]

**HOME ENERGY FOR THE EIGHTIES** — Ralph Wolfe and Peter Clegg — Garden Way Pub, 1979, 264 p., illus., paper, \$10.95. Some energy experts feel that we can reduce national energy consumption significantly through the small-scale efforts of individual homeowners. Energy-saving options are offered from low-key passive conservation efforts such as window insulation to more complete involvement through solar water heating or heating with wood. [10]

**HOW TO PATENT WITHOUT A LAWYER** — Albert Thumann — Fairmont Pr (Van Nos Reinhold), 1978, 163 p., illus., \$14.95. Provides answers to patent law problems using actual case studies. The book does not advocate that everyone with a patentable product should patent without a lawyer, but rather says that by understanding the principles of self-patenting one can choose the best course of action. [11]

**RED GIANTS AND WHITE DWARFS** — Robert Jastrow — Norton, 1979, new ed., 275 p., illus., \$12.50. This revised edition of Jastrow's history of the universe, which was originally published in 1970, gives his interpretation of the latest discoveries relating to the creation of the universe, black holes in space, life on Mars, the moons of Jupiter and evidence bearing on UFO's. [18]

**SPACE SHUTTLE** — David Baker, foreword by Chester M. Lee — Crown, 1979, 72 p., color and b&w drawings and photographs, paper, \$2.95. The space shuttle is the first major step toward reusable space launchers. Its first flight will usher in, according to the foreword, the second age of space. Covers the history and evolution of the space shuttle with design, performance and technical data. Beautifully illustrated. [19]

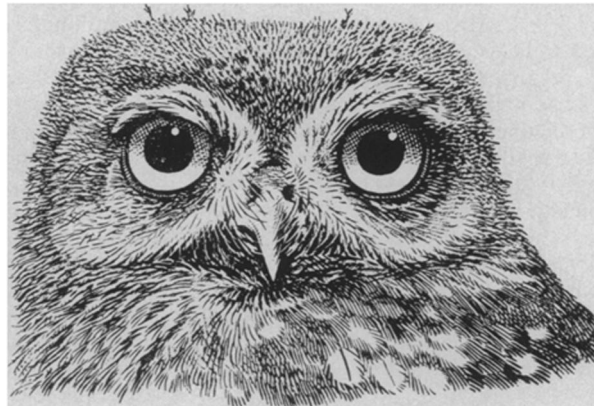


Illustration at left from *Owls: Their Natural and Unnatural History*. Courtesy of Taplinger Publishing Co., Inc.

**JOHN BARLING'S SOLAR FUN BOOK: 18 Projects for the Weekend Builder** — John Barling — Brick Hse Pub, 1979, 120 p., illus., paper, \$7.95. Demonstrates how the sun's heat can be used in a number of fascinating and effective ways by anyone with a handyman's approach and some basic tools. Detailed plans are given for cooking devices, water and air heaters, food-producing devices and a variety of other solar devices. [12]

**THE LIVING HEART** — Michael DeBaKey and Antonio Gotto — G&D, 1978, 256 p., illus., paper, \$6.95. Two heart specialists tell, in this well-illustrated book, how the cardiovascular system works, what can go wrong and why, and describe what can be done to prevent, contain or repair damage to the heart or blood vessels. Originally published in hardback in 1977. [13]

**LIVING WITH HIGH BLOOD PRESSURE: The Hypertension Diet Cookbook** — Joyce Daly Margie and James C. Hunt — HLS Pr (Chilton), 1978, 309 p., illus., \$13.95. Dietary change is the cornerstone of safe, effective, long-term blood pressure control, says Dr. Levy in the foreword. Nutrition therapy is explained and recipes for those with hypertension are presented in this helpful cookbook. [14]

**MASTERING YOUR MIGRAINE** — Peter Evans, foreword by Paul Turner and Derek R. Mullis — Dutton, 1979, 112 p., paper, \$3.95. Surveys the spectrum of present knowledge of this malady that affects peoples worldwide with the exception of those in tribal Africa and discusses current treatment in nontechnical language. [15]

**OWLS: Their Natural and Unnatural History** — John Sparks and Tony Soper — Taplinger, 1979, 206 p., illus., paper, \$8.50, available in hardback, \$14.95. Tells the general reader in great detail of this fascinating, mostly nocturnal bird. Originally published in hardback in 1970. [16]

**PENGUINS** — Roger Tory Peterson — HM, 1979, 238 p., color and b&w illus., \$25. Intended to be a pictorial essay by an outstanding ornithologist who considers himself to be a "penguin addict." Beautiful photographs and drawings by the author. [17]

**SPEAKING OF CHINESE** — Raymond and Margaret Scrogin Chang — Norton, 1978, 197 p., illus., \$10.95. A fascinating description and cultural history of the language of China for anyone who wants to know something of Chinese without learning to speak or write it. Includes a bibliography of books that covers the Chinese language as it relates to art and literature. [20]

**STAR ATLAS** — Jacqueline Mitton and Simon Mitton — Crown, 1979, 32 p., illus., paper, \$1.95. More than 4,000 stars that can be viewed with the naked eye, field glasses or a small telescope are located and identified. Star mapping, constellations, star names, clusters, nebulae and galaxies, variable and double stars are discussed. [21]

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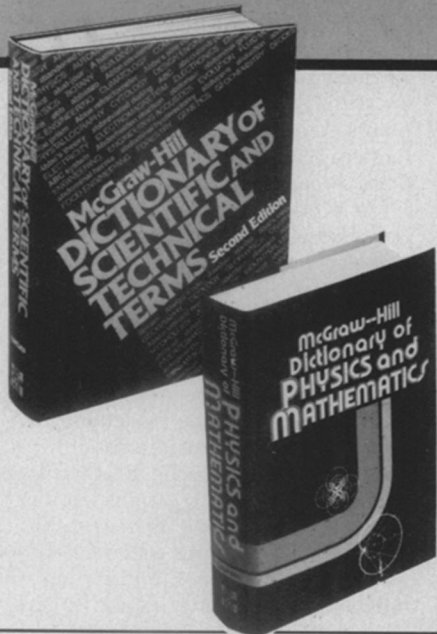
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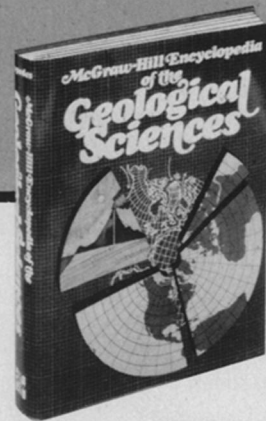
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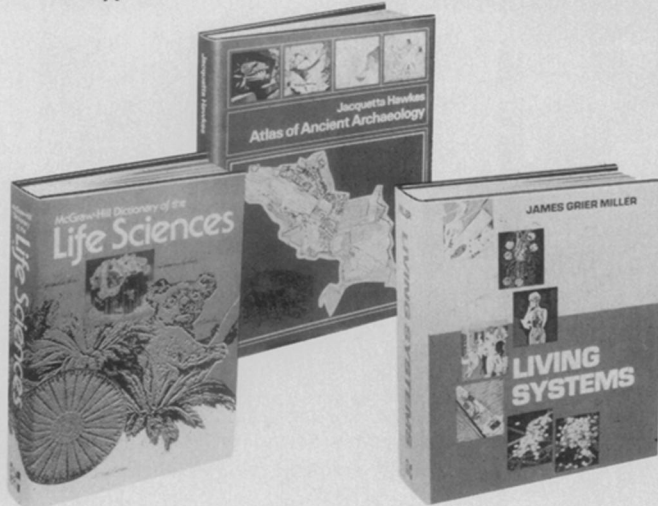
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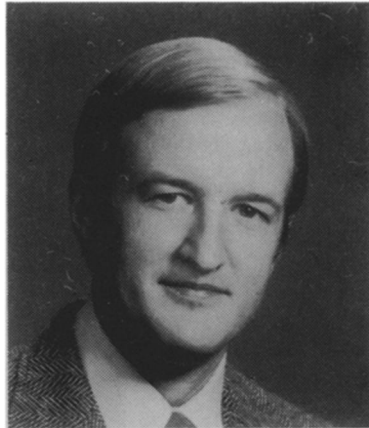
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Don't count on your insurance agent to advertise these incredible new policies. Most insurance agents don't know they exist, and if they do, they may not be licensed to sell them!

Fortunately, there is now a reliable source where you can get full details on these new insurance programs as well as the names of dependable brokers to deal with. It's a special report called "New Profits From Your Insurance Policy," by Mark Skousen. As consulting editor of *Personal Finance*, Skousen spent months interviewing insurance agents and investigating annuities, low cost term plans and other insurance policies. Skousen is a financial writer, not an insurance salesman, so you can be sure that his special report is unbiased, accurate, and written from the investor's point of view.

### **How to Beat the Stock Market Tax-free**

Some annuities offer a unique way to play the stock market tax-free. They permit you to switch freely between a variety of mutual funds. This is the most revolutionary new concept in the insurance industry in decades. You can add or withdraw your money just like a savings



Mark Skousen is consulting editor to *Personal Finance*. He earned his Ph.D. in economics from George Washington University, and is the author of *Playing the Price Controls Game*, *The Insider's Banking & Credit Almanac*, and *Mark Skousen's Complete Guide to Financial Privacy*.

account. Earnings and short-term capital gains are completely tax-deferred. You can borrow against the annuity at any time. You have the choice of several mutual funds specializing in growth stocks, high grade bonds, or money market instruments. You can switch between these mutual funds at any time on a no-commission, tax-free basis! Skousen's special report even shows you when to switch between funds for maximum profits.

For more conservative investors who don't care to speculate, Skousen's report highlights the best "single premium deferred annuities" on the market today. Interest return is substantial (currently over 10 percent on some policies) and tax deferred. The rate of return tends to rise with inflation.

### **Tax Shelter Overseas**

Foreign insurance companies provide an excellent tool to invest overseas on a private, tax-free basis. In particular, the Swiss franc annuity and endowment policies offer the "ultimate international investment." These Swiss insurance policies have earned an incredible 16 percent annual return during the 1970s, and are likely to continue performing spectacularly. Skousen's report explains the types of programs available, the tax advantages, reliable brokers to contact, and what policy is best for you given your age and financial status.

Whether you buy annuities in the states or abroad, Skousen's insurance

guide will show you little known techniques to virtually eliminate income and estate tax liabilities and avoid probate on your annuities. He also tells you whether annuities belong in your IRS-qualified Keogh or retirement program.

### **Low Cost Term Insurance**

Last but not least, Skousen's report investigates the incredible bargains now available in term insurance. Skousen names specific companies that offer the most inexpensive rates in the United States. In addition, he has discovered that British companies sell the cheapest term insurance in the world—you can save 30 percent over even the least expensive U.S. policies! You can save at least \$3,000 on a typical 20-year policy.

The ravages of inflation have made whole life insurance an extremely poor investment today. For those who already own a whole life policy, Skousen offers expert guidance on what to do with it—whether to hold on to it, cash it in, or borrow against it. He also suggests where to invest the cash values for maximum returns. His report also includes two ways to eliminate federal estate taxes on your life insurance proceeds.

Finally, Skousen's report shows you how to save hundreds of dollars on your auto, medical and homeowners insurance premiums.

### **Prompt Service**

Don't delay. Insure yourself against taxes and inflation—before it's too late.

Mark Skousen's "New Profits From Your Insurance Policy" is a 120-page quality report, now available for \$15 postpaid. Your order will be processed promptly. Order today!

**Mark Skousen** SN-1  
**P.O. Box 611**  
**Merrifield, VA 22116**

Yes, I want to insure myself against inflation and taxes. Rush me Mark Skousen's special report, "New Profits From Your Insurance Policy."

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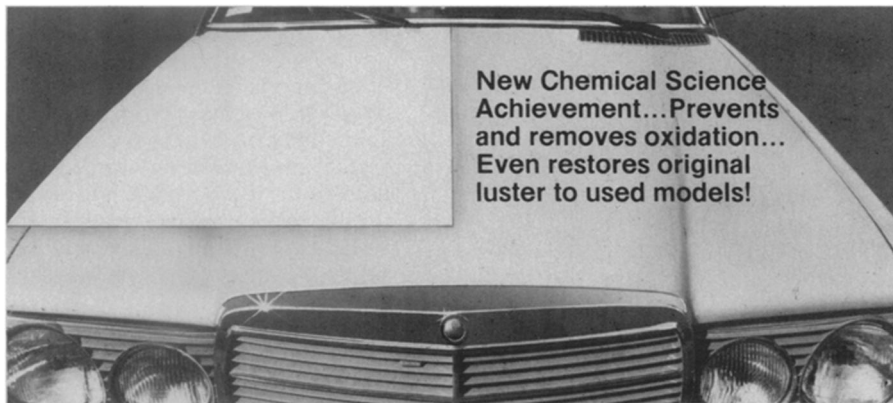
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New Chemical Science Achievement... Prevents and removes oxidation... Even restores original luster to used models!

# Polymer glass your car!

**Revolutionizes car-finish protection and keeps your car showroom bright for years—You'll never have to put wax on it again!**

Available only as a service by new car dealers for \$100 to \$200. Now do it yourself in less than an hour for only \$29.95! The original *Polymer Glass Sealant*\*! (Offered by direct order only, 16 oz. bottle, enough for 2-3 average-sized cars.)

### The elements vs. your once beautiful car...

You've probably experienced it. Your treasured, shiny new automobile gradually fades and dulls. Oxidation sets in and the once brilliant, glossy finish turns chalky and washed out. Even hours of waxing and buffing can't recapture that new car look... Until this new chemical science discovery...

**Never put wax on your car again...** Polymer Glass Sealant\* is not anything like a simple wax or polish. It is actually a miracle polymer glass formulation (an exclusive blend of synthetic glass elements) serving as a powerful sealant and a beautiful exterior finish. When applied to your car's finish and chrome its **Electromolecular Action literally fuses it to the surface**, locking in a brilliant shine for years. Polymer Glass Sealant\* with Polyglass actually changes the molecular structure of your car's finish. It penetrates through the old wax and binds itself with the surface.

**Polymer Glass Sealant\* is impenetrable**, non-porous and virtually impervious to damaging air pollutants, car-wash detergents, salt air and water, hot burning sun, cold winter winds, grease, wax, acids contained in eggs and shaving cream, ultraviolet rays and even fire damage. It also provides a brilliant, rich shine to your car's finish, keeping up the appearance and the value of your expensive investment.

**Prevents oxidation from starting on new cars...and actually removes it from used models!** Polymer Glass Sealant\* is literally a *Glass Shield* that becomes part of your car's finish. Your new car's paint is guaranteed not to oxidize... for up to 3 Years! Then "P.G.S." it again for years more of protection. On used cars, Polymer Glass Sealant\* will actually remove the surface oxidation, add gloss, and stop normal oxidation for 1 year before you need to reapply. It is similar to covering your car with an impenetrable coat of polyurethane.

**Enamel spray paint can't even get through the clear glass shield...** When this new professional automotive product is demonstrated to car dealers, the "spray paint



**Polymer Glass Sealant\***. Already on thousands of vehicles.

test" is used. Polymer Glass Sealant\* is applied to a car's hood following the instructions. Then enamel paint is sprayed directly on it, along with Magic Marker and other solvents. Then, to the observers' astonishment, all of these are wiped off the hood with a mere cloth. Nothing, not even dirt and dust can adhere to the surface! **No rubbing, labor, or buffing equipment needed...** Polymer Glass Sealant\* goes on easily and quickly. You wipe it on, let dry, and then wipe it off. It takes only a few minutes — less than an hour. Between washes just wipe your car with a damp cloth to reactivate its brilliant dirt and dust-repelling shine.

**The incredible Polymer Glass Sealant\* "Brilliance and Protection Guarantee"**...If after using it, you are not pleased for any reason, return the unused portion within 2 weeks of receipt for a prompt refund of the entire purchase price. Further, if you apply and maintain according to the instructions and "P.G.S." does not protect your new car for 3 years or your used car (90 days old or more) for 1 year, we'll return your small investment on a prorated basis.

#### Important:

Be careful not to confuse our product with watered-down, less effective, blatant imitations recently appearing on the market. Some contain harmful abrasives, and use a smaller percentage of the active ingredients, that are not as highly refined, as evidenced by oily separation of these ingredients in the container. **Starshine Group is the world's largest distributor of Polymer Sealants to the consumer.** Our toll-free lines are direct to our offices in Santa Barbara, not to an outside answering service. (A very important point if you want to know and/or contact the company you are doing business with.) Our product is simply the best car-care product available. We fully guarantee it for up to 3 years and we have serviced over 100,000 satisfied customers.

**Call Toll-Free for Instant Processing: 1-800-235-6945, or if busy 1-800-235-6951.** Calif. res. please call 805-966-7187. Or send coupon.

Promptly ship the following order. If not 100% satisfied I can return the unused portion within 2 weeks for a quick refund of purchase price (less shipping cost). Check One:

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 Check or Money Order enclosed (CA res. add 6% sales tax).  
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## The Successful Consultant's Guide to WRITING PROPOSALS AND REPORTS

There are lots of books on writing proposals and reports—but none of them are of much use to consultants. Now at last there's a comprehensive manual especially for the kind of writing the consultant does day in and day out. It's called *The Successful Consultant's Guide to Writing Proposals and Reports*.

Here's a sampling of what's included:

- When to write a proposal—and when *not* to.
- How to create a proposal that will win you the assignment.
- What *kind* of proposal or report should you write?
- How long should it be?
- Style and language.
- Organization and format.
- What to include—and what to leave *out*.
- The covering letter—and why it's so important.

Perhaps most useful are the *samples of proposals and reports* in the book. An ineffective proposal, filled with common errors, is carefully critiqued and then re-written effectively. The same technique—ineffective and effective versions—is used for a sample final report.

*The Successful Consultant's Guide to Writing Proposals and Reports* will help you in two important ways. First, as a "crash course" in the subject. Then as an indispensable daily reference tool.

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