PBB, PCB: Here today, gone?

A researcher from the National Institute of Environmental Health Sciences said that PCB and PBB enter the body more easily than they are removed from it.

"These are not the most carcinogenic nor are they the most toxic substances. However, we are concerned with how long the substances stay in the body and the long-term effects," said Dr. H.B. "Skip" Matthews.

Speaking at a two-day Michigan State University workshop on enhancing the excretion of PBB, Matthews pointed out that PCB and PBB have similar chemical characteristics, including insolubility in water.

"Since animals' excretory systems are based on water, compounds not watersoluble will not be readily excreted," he said.

THE RESEARCHER summarized the results of a study conducted at the North Carolina-based institute, where a series of PCBs — chlorobiphenyl, dichlorobiphenyl, pentachlorobiphenyl and hexachlorobiphenyl — were ingested by rats.

The researchers charted the chemical amounts in the animals' muscle, skin and fat and found that the "penta" and "hexa" forms were much more persistent, especially in the oily fat tissue.

Less than 20 percent of the hexachlorobiphenyl dose would have been eliminated during the animal's lifetime," Matthews said, adding that 60-70 percent of the dose was evident in the fat tissue six weeks after ingestion. He attributed the slower excretion of the two PCB forms to a slightly different molecular structure.

In a similar study of PBB's metabolic capacity, the researchers found that, like the PCBs, it was slowly excreted by the rats. Less than 10 percent of the total dose was excreted during the animals' lifetime.

THE MAJOR concentration of the chemical was in fat tissue, with 70 percent of the total dose still evident six weeks after it had been administered.

He summarized the results of the study by noting that xenobiotics such as PCB and PBB are concentrated in the body's oily parts because they can't be excreted in water.

"Oil and water don't mix," Matthews said. These compounds need to be made water soluble before excretion will be increased and they can be eliminated from the body, he said.

Like father, like son

Children may go through a period of political rebellion, but chances are they'll end up adopting their partents' ideology and party affiliation, says a Michigan State University researcher.

Gaye Benson of MSU's political science department, explained that when both parents share a political ideology, their children will generally follow suit as they mature into adulthood.

Children whose income, education or careers differ markedly from their parents' are more likely to develop political differences such as switching to an independent party philosophy, Benson noted. However, radical variance is rare she added.

"Children have already developed political awareness by the second grade," the researcher said. "They know the name of the president, have some understanding of laws and usually have adopted their parents' party affiliation."

Benson also indicated that the greatest increase in political awareness occurs somewhere between the late elementary and junior high school years. "Civics classes should be offered earlier for this reason," she suggested.

Benson feels that current civics classes taught in high school have very little effect on the majority of youngsters. Those who are affected the most are often disadvantaged children "who see how the system's supposed to work, and realize it's not working for them." This results in political mistrust and cynicism, she added.

Benson suggested that children learn more about political analysis. "Consumer education allows children to analyze product advertisements, so why not extend this to political advertisements," she added.

She urged parents to increase their political knowledge and interest and encourage family discussions on politics. "Your children may argue and try on different ideas, but they're still listening to you," she concluded.

The Guest and Gift Shop.

Saks understands. We know you've been searching the highways and the bi-ways to scout for just the right...the perfect gift—either for yourself, or your friends. But, with so many necessary luxuries to be had...what to get? Where to go? We'll answer the second question first. Where to go? Saks, naturally. What to get? That's up to you. Our great Guest and Gift shop has truly a stupendous and sundry selection to satisfy all your home entertaining needs. A few marvelous cases in point: our exquisite Baccarat Collection, fine and casual dinnerware, gifts for the gourmet (including the amazing Cuisinart™ food processor), barware, uniquely decorative table accessories, crystal, and all sorts of ingeniously practical imports from around the world. Do stop by soon—to browse. We're sure you'll find something just...perfect. Summer comfort and gracious living are synonomous. And they both begin at Saks Fifth Avenue's Guest and Gift Shop.

Saks Fifth Avenue

Troy, Somerset Mall, Big Beaver at Coolidge
Open Mondays, Thursday and Fridays, 10 AM to 9 PM;
Tuesday, Wednesday and Saturdays, 10 AM to 5 PM;
Sundays, Noon to 5 PM.

ELECT CAPTAIN LEWIS "SKIP" DOYLE FOR SHERIFF, REPUBLICAN

- KNOWLEDGEABLE
- EDUCATED
- PROVEN-ABILITY
- EXPERIENCED

Career Officer, Oakland County Sheriff's Department, 15 years
Lifelong Resident of Oakland County
B.S. Degree - Pursuing Graduate Studies
Knowledgeable About County Government
Republican
ENDORSED BY:
BLOOMFIELD TOWNSHIP SUPERVISOR, HOMER CASE
BLOOMFIELD TOWNSHIP CLERK, DELORIS V. LITTLE
WEST BLOOMFIELD TOWNSHIP SUPERVISOR, JOHN N. DOHERTY
TRI-CITY POLICE CHIEFS:
KEEGO HARBOR, CHIEF WILLIAM E. HOLLOWAY
ORCHARD LAKE VILLAGE, CHIEF E. NICHOLSON
SYLVAN LAKE, CHIEF H. CARL FISHER
TRI-CITY FIRE CHIEF, DANIEL L. MILLER
Paid for by Friends of Lewis "Skip" Doyle for Sheriff

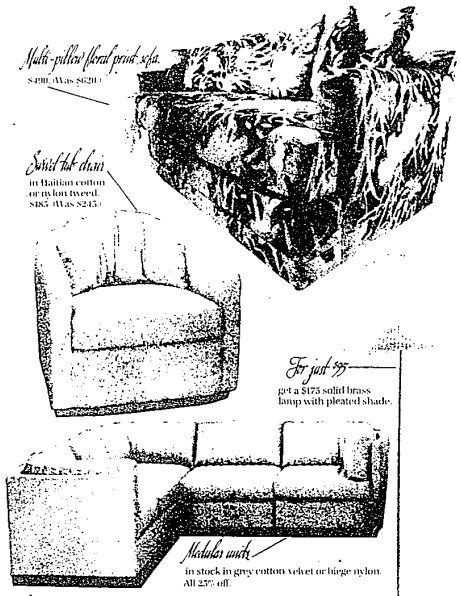
SALE SALE

SUMMER SALE
Store Wide
CLEARANCE
up to 50% OFF the regular prices
SPECIAL orders also at Sale Prices

COLONY INTERIORS
Somerset Mall
643-0500

SALE SALE

The only thing better than our new domiciles is our Grand Opening domisales.



Now open in Rochester

For those of you who appreciate domicile's classic contemporary designs, who marvel at our incredibly ridiculous prices, and who notice our refreshingly responsive style — we have good news.

Now there are three. The original in Birmingham. The new domicile on Main Street in Rochester. And our newest (opening in August) in West Bloomfield on Orchard Lake Road.

Which means this year's domi (summer) sale is 4 times better than ever before. And it's going on now.

So hurry. Not everything's on sale but everything that's on sale is really on sale.

Sofas, Sofas, Sofas!
Select loveseats, sleepers, modular groups. Haitian cottons, prints, tweeds, more. For less. Up to 35% less.

Tables!
Cocktail, occasional, dining tables 20%-40% off.

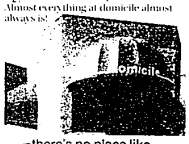
Chairs!
Sit down up to 40% cheaper. Like a $150 rope and wood rocking chair for $88.

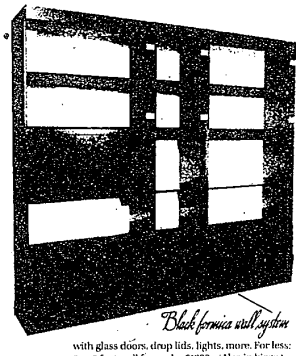
Lamps! Select group 25% to 50% off.

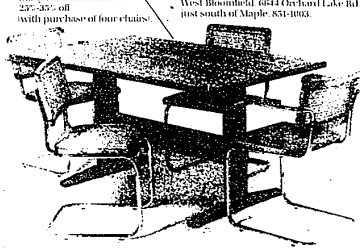
Wall Systems!
Like multi-tiered oak and walnut stereo bench for $420 (was $420). Or design-it-yourself formica modular units from $85. And more for less.

Floor Samples!
If it's on the floor, it's probably on sale. 3 out of 5 are 50% savings that ll floor you.

In Stock!
Almost everything at domicile almost always is!







there's no place like domicile

Birmingham, 808 S. Woodward, 6 blocks south of Maple 642-1260
Rochester, 139 S. Main corner of Second 652-8840
West Bloomfield, 6644 Orchard Lake Rd just south of Maple. 851-1003.

(Sometimes assembly and delivery additional. Sale ends August 30)

Krandall's invites you...
to bring your diamonds and jewelry in today and convert them into
Immediate Cash!
Discussions will be conducted in private offices with consideration for your confidence and respect for your dignity. Evaluations for purchase without obligation.
Sidney Krandall & Sons
755 W. Big Beaver Rd. -Troy, Michigan
(16 Mile at I-75) • Phone: 313-362-4500

Among the designers in residence: Bill Blass, Pierre Cardin, Christian Dior, Givenchy. You're in good company at
THE BOARDROOM
Somerset Fairlane (within Hughes & Hatcher)

SOMERSET MALL
Big Beaver Road at Coolidge, Troy

WOOD DECKS
BY
Michigan Deck Builders
Custom Decks at a Practical Price
627-2714
Ask about our Special Fall Discounts!

Hanes Gallery of Oriental Rugs
Large Selection of New & Old Oriental Rugs
Sell • Buy • Trade
Cleaning • Appraisals • Repairing
223 S. Woodward Business & Residence
Birmingham, MI 48011 (313) 644-7311

PYRAMETRICS

makes the most of your hair

It looks fuller, falls naturally.

Pyrametrics, the new approach to haircutting for men and women, is gaining popularity rapidly and it's available only at VCG Salon.

The Pyrametrics system isn't a new hairstyle, but it makes any style more attractive and manageable. Each section of your hair is cut to form a base and to support the hair above it. Like laying bricks — if the first course is right the ones above it will follow. The result is hair that looks thick, healthy and natural, hair that requires minimum care.

Wear your hair long or short, curly or straight. With Pyrametrics it's the best look for you. Make an appointment now! 1979 Jammies S.L.

VCG SALON
3644 W. MAPLE IN BIRMINGHAM 642-2666

$3 OFF
On your first Pyrametric Haircut
Bring this coupon.
Offer expires Sept. 11, 1980 (E)

VCG SALON
3644 W. MAPLE IN BIRMINGHAM 642-2666