



# spotlight on safety

## Protecting Cell Phone Users From Radiation

(NAPS)—More than 100 million Americans now use cellular phones, either as emergency communication tools or as a necessary link to their personal and professional lives. However, over the past several years, there has been increasing public concern expressed over the possibility of an increased risk of brain cancer caused by microwave radiation from these phones.

Several major studies are underway, but, to date, there have been no definitive results. Still, a number of recent broadcast and published news stories have raised questions about safety and the impact of microwave radiation and cellular phones. In fact, the British government recently issued a warning to parents, urging them not to allow their children to use cellular telephones because of cancer fears.

“Are cellular phones safe? There are strong arguments on both sides and reputable scientists disagree,” says Ben Ward, senior vice president of Calgon Carbon Corporation in Pittsburgh. “Remember the debate about whether or not cigarette smoke was contributing to lung diseases, such as cancer? It was years before we had a definite answer.”

If there truly is a risk to cell phone users of brain tumors and brain dysfunction, waiting years for the answer means it could be too late for many. The problem is that blocking all the microwaves emitted by a cell phone would make the phone inoperable. Fortunately, a new device has been developed to block the most intense waves without interfering with the phone's operation.



**A small piece of carbon cloth can help make a cellular phone safer to use.**

The device is a carbon cloth disc with an adhesive backing that attaches to the earpiece on a cellular phone. Called WaveZorb, it uses a sophisticated technology developed for blocking microwave radiation in high-tech military operations. When properly applied, the cloth blocks the microwaves that are closest to the body and are aimed at the most vulnerable portion of the head: the ear canal.

WaveZorb does not interfere with phone performance; it bends and flexes to fit all cellular phone models. The device is effective for up to one year, though replacement is recommended every six months. The cloths retail for \$7.95 each, or \$15 for two.

WaveZorb is available at major retailers, such as Target and Rite-Aid, or directly from Calgon Carbon online at [www.wavezorb.com](http://www.wavezorb.com).