



# Tech Info Library

## Apple Color Monitors: CRT Disposal Safety Issues

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TOPIC -----

Apple published the "New Disposal Policy for Color Monitor CRTs" Service Notice on 6/15/91.

A customer, who is a government-owned facility with strict guidelines for handling and disposing of hazardous waste items, needs information about the lead used in each of our color monitors for their Environmental Impact department. This department will determine how to properly dispose of any color monitors that can't be returned to Apple in accordance with the Service Notice.

DISCUSSION -----

The materials in the CRT used in the new Macintosh 21-Inch Color Display are typical of those used in our other 12-inch and 13-inch color monitors. They include leaded glass, iron, zinc sulfide, barium, tungsten, and stainless steel. These are not toxic (though ingesting large quantities of any is not recommended).

The lead in the leaded glass is chemically bound to the silicon and oxygen, which are the primary constituents of the glass. As such, the lead is neither a health nor environmental hazard.

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