

# Autoclave Indicator Products can be **LEAD** Containing!

The amount of lead found in FisherBrand, 3M Comply, Propper, Shamrock, and VWR tapes sold before 2008 can be up to 260 times above established hazardous waste limits.



Lead thiosulfate, which is white in color and decomposes to yield black lead sulfide under steam sterilization conditions, is used to create the color changing marks on autoclave indicator products, such as tapes and bags.



The **MSU Department of Environmental Health and Safety** is assisting departments in removing these products, which must be disposed of as hazardous waste.

## CHECK

Tape and bags for white color changing writing/marks

## DISPOSE

Any lead containing products as Hazardous Waste through EHS

## REPLACE

With non-lead formulated products available at University Stores

For more information on lead containing autoclave products, Contact Dan Lyons: [lyonsda4@msu.edu](mailto:lyonsda4@msu.edu) or (517)353-8956. To submit a pickup request go to: <http://www.oeos.msu.edu/chem-waste/new.htm>

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