38 Radioactive Elements and What They Are Used For







May be used to harvest energy in the future



(Some practical use but with high health risks)

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2.6 ys



paints and clock faces





Smoke detectors; may be used in spacecraft batteries in the future

Due to its rarity, it has no commercial or technological use currently.



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Portable metal detectors; identifying gold and silver ores; detecting metal fatigue of airplanes





Medical diagnostic studies; inhibits corrosion of steel



Used to coat tungsten filaments for electronic devices; may be used for nuclear power in the future



Nuclear submarines and weapons; nuclear power; depleted uranium may be used as metal for ships, ammunition, and armor



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and solders; yellow paint; pearly effect in cosmetics;

indigestion relief

Nuclear power; nuclear weapons; spacecraft energy



Note: Half-lives vary depending on the specific isotope.

Sources: https://www.livescience.com https://www.rsc.org/periodic-table https://www.epa.gov/radiation/radioactive-decay

