

Automotive Technology 7th Edition
Chapter 6: Hazardous Materials
Short Answer Quiz

Name:

Date:

1. How does the EPA define a substance as "used oil"?
2. List and describe the hot-draining methods approved by the EPA for draining used engine oil from oil filters.
3. What is the significance of the Resource Conservation and Recovery Act (RCRA) concerning hazardous materials in automotive shops?
4. Describe the main responsibilities of employers in relation to the right-to-know laws about hazardous materials.
5. Why is asbestos considered dangerous, and what are the health conditions it can cause?

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6. What are the potential health effects of short-term exposure to chlorinated hydrocarbon and other types of solvents at low and high concentrations?

7. Explain the criteria for storing used or spent solvents in OSHA-approved containers.

8. How does the Battery Council International (BCI) guide on the disposal and handling of used lead-acid batteries?

9. Why is air-conditioning refrigerant oil considered hazardous waste and how should it be disposed of?

10. What environmental concerns are associated with used tires and how can these concerns be mitigated through proper disposal or recycling methods?