

**FIGURE 2-1** Material safety data sheets (MSDS) should be readily available for use by anyone in the area who may come into contact with hazardous materials.



PEARSON

Automotive Engine Performance, 3/e  
By James D. Halderman

1

Copyright © 2010, 2007, 2003 Pearson Education, Inc.  
Upper Saddle River, NJ 07458 • All rights reserved.

---

---

---

---

---

---

---

---

**FIGURE 2-2** All brakes should be moistened with water or solvent to help prevent brake dust from becoming airborne.



PEARSON

Automotive Engine Performance, 3/e  
By James D. Halderman

2

Copyright © 2010, 2007, 2003 Pearson Education, Inc.  
Upper Saddle River, NJ 07458 • All rights reserved.

---

---

---

---

---

---

---

---

**FIGURE 2-3** A typical aboveground oil storage tank.



PEARSON

Automotive Engine Performance, 3/e  
By James D. Halderman

3

Copyright © 2010, 2007, 2003 Pearson Education, Inc.  
Upper Saddle River, NJ 07458 • All rights reserved.

---

---

---

---

---

---

---

---

**FIGURE 2-4** Washing hands and removing jewelry are two important safety habits all service technicians should practice.



PEARSON Automotive Engine Performance, 3/e By James D. Halderman 4 Copyright © 2010, 2007, 2003 Pearson Education, Inc. Upper Saddle River, NJ 07458 • All rights reserved.

---

---

---

---

---

---

---

---

**FIGURE 2-5** Typical fireproof flammable storage cabinet.



PEARSON Automotive Engine Performance, 3/e By James D. Halderman 5 Copyright © 2010, 2007, 2003 Pearson Education, Inc. Upper Saddle River, NJ 07458 • All rights reserved.

---

---

---

---

---

---

---

---

**FIGURE 2-6** Using a water-based cleaning system helps reduce the hazards from using strong chemicals.



PEARSON Automotive Engine Performance, 3/e By James D. Halderman 6 Copyright © 2010, 2007, 2003 Pearson Education, Inc. Upper Saddle River, NJ 07458 • All rights reserved.

---

---

---

---

---

---

---

---

**FIGURE 2-7** Used antifreeze coolant should be kept separate and stored in a leakproof container until it can be recycled or disposed of according to federal, state, and local laws. Note that the storage barrel is placed inside another container to catch any coolant that may spill out of the inside barrel.



PEARSON

Automotive Engine Performance, 3/e  
By James D. Halderman

7

Copyright © 2010, 2007, 2003 Pearson Education, Inc.  
Upper Saddle River, NJ 07458 • All rights reserved.

---

---

---

---

---

---

---

---

**FIGURE 2-8** This red gasoline container holds about 30 gallons of gasoline and is used to fill vehicles used for training.



PEARSON

Automotive Engine Performance, 3/e  
By James D. Halderman

8

Copyright © 2010, 2007, 2003 Pearson Education, Inc.  
Upper Saddle River, NJ 07458 • All rights reserved.

---

---

---

---

---

---

---

---

**FIGURE 2-9** Air-conditioning refrigerant oil must be kept separated from other oils because it contains traces of refrigerant and must be treated as hazardous waste.



PEARSON

Automotive Engine Performance, 3/e  
By James D. Halderman

9

Copyright © 2010, 2007, 2003 Pearson Education, Inc.  
Upper Saddle River, NJ 07458 • All rights reserved.

---

---

---

---

---

---

---

---

**FIGURE 2-10** Placard near driver's door, including what devices in the vehicle contain mercury.




---

---

---

---

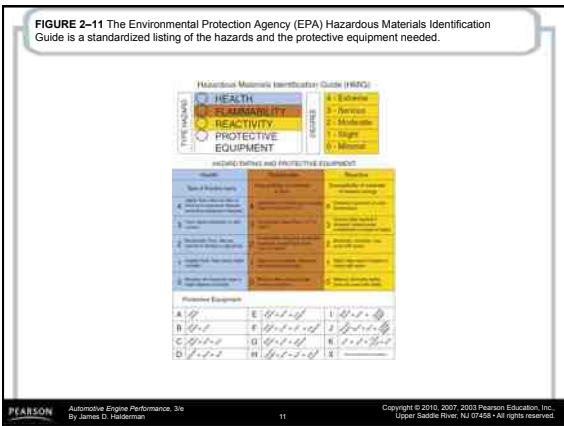
---

---

---

---

**FIGURE 2-11** The Environmental Protection Agency (EPA) Hazardous Materials Identification Guide is a standardized listing of the hazards and the protective equipment needed.




---

---

---

---

---

---

---

---