

APPENDIX D  
SCIENCE CLASSROOM FIRST-AID AND SAFETY MATERIALS

Adhesive bandages

Antiseptic

Antiseptic applicators

Aprons

Bucket of sand or commercial absorbent—to smother alkali fires, dam around spills, reduce slippery conditions, and so on

Cotton

Earthenware crock—for disposal of solid chemicals (If needed, have several crocks labeled to prevent mixing of incompatible chemicals.)

Fume hoods, where appropriate

Mercury clean-up chemicals (e.g., zinc dust, mercury “sponges”\*)

Neutralizing agents:

Acetic acid (30% [5 M] solution)—for neutralizing spilled bases

Sodium bicarbonate (saturated solution)—for neutralizing spilled acids

Rubber and nitrile gloves

Safety equipment:

Eyewash/shower unit

Face shields

Fire blanket

Fire extinguisher(s), multipurpose (2A-10B, C)

Safety shield

Splash-proof goggles—for every student, instructor, and visitor

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This list is purposely conservative because the school health office (or school nurse) should have more extensive supplies.

\*See Chapter 5, section K, “Use of Mercury.”