

biohazard symbol as shown in Exhibit 8.7c(2). The primary receptacle and the absorbent and cushioning material must be snugly enclosed in a strong outer shipping container that is securely sealed. A shipping paper and a content marking on the outer shipping container are not required. Risk Group 1 diagnostic specimens and biological products are subject to the following packaging standards:

a. *Liquid Diagnostic (Clinical) Specimens and Biological Products.* A diagnostic (clinical) specimen in Risk Group 4 or a biological product in Risk Group 2, 3, or 4 must be packaged under 8.5. A diagnostic specimen in Risk Group 2 or 3 must be packaged under 8.6. The packaging of a diagnostic specimen in Risk Group 1 (e.g., a urine specimen or blood specimen used in drug-testing programs or for insurance purposes) or a biological product (e.g., polio vaccine) in Risk Group 1 is subject to the following standards:

(1) *Not Exceeding 50 ml.* A diagnostic specimen or biological product consisting of 50 ml or less per mailpiece must be packaged in a securely sealed primary receptacle. Two or more primary receptacles whose combined volume does not exceed 50 ml may be enclosed within a single mailpiece. Sufficient absorbent material and cushioning material to withstand shock and pressure changes must surround the primary receptacle(s), or be otherwise configured to take up the entire liquid contents in case of leakage. The primary receptacle(s) and the absorbent cushioning must be enclosed in a secondary container having a leakproof barrier that can prevent failure of the secondary container if the primary receptacle(s) should leak during transport. The secondary container must be securely sealed and it may serve as the outer shipping container provided it has sufficient strength to withstand ordinary postal processing. The secondary container must be marked with the international biohazard symbol as shown in Exhibit 8.7c(2), except when the secondary packaging also serves as the outer shipping container. In that case, the biohazard symbol must appear either on the inner packaging or on the primary container. A shipping paper and a content marking on the outer shipping container are not required.

(2) *Exceeding 50 ml.* A clinical specimen or biological product that exceeds 50 ml must be packaged in a securely sealed primary receptacle. A single primary receptacle must not contain more than 500 ml of specimen. Two or more primary receptacles whose combined volume does not exceed 500

ml may be enclosed in a single secondary container. Sufficient absorbent material and cushioning material to withstand shock and pressure changes must surround the primary receptacle(s), or be otherwise configured to take up the entire liquid contents in case of leakage. The primary receptacle(s) and the absorbent cushioning must be enclosed in a secondary container having a leakproof barrier that can prevent failure of the secondary container if the primary receptacle(s) should leak during transport. The secondary container cannot serve as the outer shipping container. The secondary container must be marked with the international biohazard symbol as shown in Exhibit 8.7c(2). The secondary container must be securely and snugly enclosed in a fiberboard box or container of equivalent strength that serves as the outer shipping container. The maximum amount of a specimen that may be enclosed in a single mailpiece must not exceed 4,000 ml. A shipping paper and a content marking on the outer shipping container are not required.

b. *Solid (or Dried) Specimens.* A solid or dry specimen, such as a saliva swab, blood spot, or fecal smear in Risk Group 1 must be completely dried prior to placing it in or on a secure primary receptacle. Cushioning material to withstand shock and pressure changes is only required if the dry specimen is held in a breakable primary receptacle. When required, the cushioning material must surround the primary receptacle to prevent breakage or damage to the primary receptacle. The primary receptacle (and cushioning material, if required) must be enclosed in a secondary container having a leakproof barrier that can prevent failure of the secondary container if the primary receptacle breaks during shipment. The secondary container must be securely sealed and it may serve as the outer shipping container provided it has sufficient strength to withstand ordinary postal processing. The secondary container must be marked with the international biohazard symbol as shown in Exhibit 8.7c(2), except when the secondary packaging also serves as the outer shipping container. In that case, the biohazard symbol must appear either on the inner packaging or on the primary container. A shipping paper and a content marking on the outer shipping container are not required.

#### 9.0 RADIOACTIVE MATERIALS (HAZARD CLASS 7)

[Change "Publication 52, Acceptance of Hazardous, Restricted, or Perishable

Matter" to "Publication 52, Hazardous, Restricted, or Perishable Mail."]

#### 10.0 CORROSIVES (HAZARD CLASS 8)

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#### 10.2 Mailability

[In item a, change "secondary packagings" to "secondary containers"; change "secondary packaging" to "secondary container"; and change "outer packaging" to "outer shipping container".]

[In item b, change "secondary packaging" to "secondary container" and change "outer packaging" to "outer shipping container".]

#### 10.3 Marking

[In the first sentence, change "Surface Mail Only" to "'Surface Only" or "Surface Mail Only.""]

#### 10.4 Nonspillable Wet Electric Storage Batteries

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[Revise item a to read as follows:]

a. The nonspillable battery must be protected from short circuits, surrounded with sufficient cushioning material, and securely packaged in a strong fiberboard box that serves as the outer shipping container.

[In item b, change "outer packaging" to "outer shipping container".]

\* \* \* \* \*

[In item d, change "50 pounds" to "25 pounds."]

#### 11.0 MISCELLANEOUS HAZARDOUS MATERIALS (HAZARD CLASS 9)

#### 11.1 Definition

[In the second sentence, remove "magnetized materials,".]

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#### 11.3 Marking

[In the first sentence, change "Surface Mail Only" to "'Surface Only" or "Surface Mail Only.""]

#### 11.4 Dry Ice

[In item a, change the heading "Air Transportation" to "Air Transportation Requirements."]

[In item b, change the heading "Surface Transportation" to "Surface Transportation Requirements". Also change "Surface Mail Only" to "'Surface Only" or "Surface Mail Only.""]

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[Renumber current 11.5 as new 12.0 to read as follows:]