

**§ 178.364-3**

polyvinylacetate emulsion, or equivalent.

(d) All hardwood joints must be mitered, or equivalent, reinforced with No. 10 cement-coated nails space on nominal 15 cm (6-inch) centers.

(e) All plywood joints must be butt-type, or equivalent, reinforced with No. 10 cement-coated nails spaced on nominal 15 cm (6-inch) centers.

(f) The angles and strapping of the metal frame must be spaced such that separation distances do not exceed 15 cm (6 inches).

(g) The lid must be of the same material as the box and fabricated in such a manner that closure forms a mitered joint with the hardwood box and 2 stepped-joints with the plywood boxes.

[Amdt. 178-35, 39 FR 45253, Dec. 31, 1974. Redesignated by Amdt. 178-97, 55 FR 52716, Dec. 21, 1990, as amended by 66 FR 45387, Aug. 28, 2001]

**§ 178.364-3 Closure.**

Closure for the protective overpack must be provided by at least 4 mild steel hinges formed from minimum 2.5 cm (1 inch) × 5 mm (3/16 inch) bar stock. Hinge pins must be minimum 6 mm (1/4

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inch) diameter by 13.3 cm (5¼ inches) long mild steel rod drilled at both ends for cotter pins.

[66 FR 45389, Aug. 28, 2001]

**§ 178.364-4 Tests.**

Prior to each use, each overpack must be visually inspected for defects such as wood checking or splintering, weld cracking, corrosion of steel parts, improper joint bonding, or improperly fitting closure lid.

[Amdt. 178-35, 39 FR 45253, Dec. 31, 1974. Redesignated by Amdt. 178-97, 55 FR 52716, Dec. 21, 1990; 66 FR 45389, Aug. 28, 2001]

**§ 178.364-5 Required marking.**

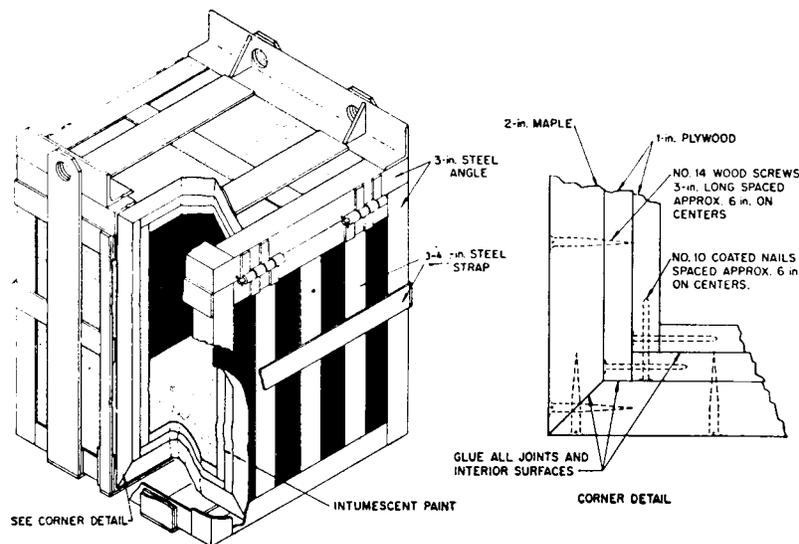
(a) Marking must be as prescribed in § 178.3.

(b) Marking on the outside of each overpack must include the following:

- (1) "USA-DOT 21WC" and "TYPE B" as appropriate.
- (2) [Reserved]

[Amdt. 178-35, 39 FR 45253, Dec. 31, 1974. Redesignated by Amdt. 178-97, 55 FR 52716, Dec. 21, 1990, as amended at 63 FR 37462, July 10, 1998]

**§ 178.364-6 Typical assembly detail.**



**RADIOISOTOPES SHIPPING CASK FIRE AND IMPACT SHIELD**