

A9.6. Package Class 5.1 Solids as follows: See A3.3.5. for additional packaging requirements.

A9.6.1. Package in combination packagings with outer drums, barrels, jerricans, or boxes as follows:

Inner packaging	Outer packaging
Receptacles: Glass or earthenware, plastic or metal	Drums: steel (1A1 or 1A2), aluminum (1B1 or 1B2), plywood (1D), fiber (1G), plastic (1H1 or 1H2), or metal other than steel or aluminum (1N1 or 1N2) <i>or</i> Barrel: wood (2C2) <i>or</i> Jerricans: steel (3A1 or 3A2), aluminum (3B1 or 3B2) or plastic (3H1 or 3H2) <i>or</i> Boxes: steel (4A), aluminum (4B), natural wood (4C1 or 4C2), plywood (4D), or reconstituted wood (4F), fiberboard (4G), solid plastic (4H2), or other metal (4N)

A9.6.2. Package in single packagings of drums, barrels, jerricans, boxes, or bags as follows:

Inner packaging	Outer packaging
Not required	<p>Drums: steel (1A1 or 1A2), aluminum (1B1 or 1B2), plywood (1D), fiber (1G), plastic (1H1 or 1H2) or metal other than steel or aluminum (1N1 or 1N2) Note: Plywood drum not authorized for PG I material.</p> <p><i>or</i></p> <p>Barrel: wood (2C1 or 2C2) Note: Wood barrels not authorized for PG I material.</p> <p><i>or</i></p> <p>Jerrican: steel (3A1 or 3A2), aluminum (3B1 or 3B2), or plastic (3H1 or 3H2)</p> <p><i>or</i></p> <p>Boxes: steel (4A), steel with liner (4A), aluminum (4B), aluminum with liner (4B), natural wood (4C1 or 4C2), plywood (4D), reconstituted wood (4F), fiberboard (4G), plastic (4H1 or 4H2), or other metal (4N) Note: Steel (4A), aluminum (4B), plywood (4D), reconstituted wood (4F), natural wood (4C1) or fiberboard (4G) boxes not authorized for PG I material.</p> <p><i>or</i></p> <p>Bags: woven plastic (5H1, 5H2, or 5H3); plastic film (5H4); textile (5L1, 5L2, or 5L3); paper, multiwall, water-resistant (5M2) Note: Bags not authorized for PG I material.</p>

A9.6.3. Package in the following composite packagings with plastic inner receptacles:

Inner receptacle	Outer packaging
Plastic	<p>Drums: steel, aluminum, plywood, fiber, or plastic (6HA1, 6HB1, 6HD1, 6HG1, or 6HH1)</p> <p><i>or</i></p> <p>Boxes: steel, aluminum, wood, plywood, or fiberboard (6HA2, 6HB2, 6HC, 6HD2, or 6HG2)</p>

A9.6.4. Package in the following composite packagings with glass porcelain or stoneware inner receptacles:

Inner receptacle	Outer packaging
Glass, porcelain, or stoneware	Drums: steel, aluminum, plywood, or fiber (6PA1, 6PB1, 6PD1, or 6PG1) <i>or</i> Boxes: steel, aluminum, wooden, or fiberboard (6PA2, 6PB2, 6PC, or 6PG2) <i>or</i> expanded or solid plastic (6PH1 or 6PH2)

A9.6.5. DOT Cylinders. DOT specification cylinders as prescribed for any compressed gas, except acetylene (DOT 8, 8AL) and DOT 3HT.

A9.7. Package Iodine Pentafluoride as follows: Package in any DOT specification cylinder, except those specified for acetylene.

A9.8. Package Oxidizing Substances, Solid, Self-Heating, N.O.S.; Oxidizing Substances, Solid, Flammable, N.O.S.; Oxidizing Substances, Solid, Water Reactive, N.O.S. as follows: Ship according to a competent authority approval (CAA). See paragraph 2.5. for more information on CAAs.

A9.9. Package Bromine Pentafluoride or Bromine Trifluoride as follows:

A9.9.1. Handling Instructions. These items are extremely dangerous. Make approved chemical safety mask and clothing available when handling this material, and wear when handling leaking packages.

A9.9.2. Packaging Requirements. Package bromine pentafluoride or bromine trifluoride in specification cylinders, 3A150, 3AA150, 3B240, 3BN150, 3E1800, 4B240, 4BA240, or 4BW240. Seal each valve outlet by a threaded cap or a threaded plug. No cylinder may be equipped with any pressure relief device. Overpack specification 3E1800 cylinders in a strong wooden box.

A9.10. Oxygen Generators, Chemical. An oxygen generator, chemical may be transported only under the following conditions:

A9.10.1. Approval. A chemical oxygen generator that is shipped with an explosive or non-explosive means of initiation attached must be classed and approved by the Associate Administrator in accordance with the procedures specified in 49 CFR Section 173.56. **(T-0)**.

A9.10.2. Impact resistance. Ensure a chemical oxygen generator, without any packaging, is capable of withstanding a 1.8 meter drop onto a rigid, non-resilient, flat and horizontal surface, in the position most likely to cause actuation or loss of contents.

A9.10.3. Protection against inadvertent actuation. A chemical oxygen generator must incorporate one of the following means of preventing inadvertent actuation:

A9.10.3.1. A chemical oxygen generator that is not installed in protective breathing equipment (PBE):