

Attachment 8

CLASS 4--FLAMMABLE SOLIDS, SPONTANEOUSLY COMBUSTIBLE MATERIALS, AND DANGEROUS WHEN WET MATERIALS

A8.1. General Requirements. For military members, failure to obey the mandatory provisions from paragraphs A8.2. through A8.21. and any provisions of mandatory subparagraph(s) hereunder is a violation of Article 92, Uniform Code of Military Justice (UCMJ). Civilian employees who fail to obey the provisions from paragraph A8.2. through A8.21. and any provisions of mandatory subparagraph(s) hereunder are subject to administrative disciplinary action without regard to otherwise applicable criminal or civil sanctions. Personnel shall not deviate from these provisions and fully comply with the inner/receptacle and outer container options as mandated per each packaging paragraph. **(T-0)**. Not all packaging paragraphs are inclusive and packaging container selection is based on the type of flammable solid type and quantity shipped. This attachment contains information concerning the packaging and general handling instructions for Class 4.1 (flammable solids), Class 4.2 (spontaneously combustible material), and Class 4.3 (dangerous when wet material). See Attachment 3 for other details concerning Class 4 material.

A8.2. Packaging for Class 4 Liquids is as follows:

A8.2.1. Package in combination packagings with outer drums, barrels, jerricans, or boxes as follows:

Inner packaging	Outer packaging
<p>Receptacles: glass, earthenware, plastic, metal, or glass ampoules</p> <p>Note: For PG I material inner packagings packed in a rigid and leakproof receptacle or intermediate packaging containing sufficient absorbent material to absorb the entire contents of all inner packagings before packing the inner packaging(s) in the outer package.</p> <p>Note: Ensure inner packaging or receptacle closures of combination packages containing liquids are held securely, tightly and effectively in place by secondary means. See A20.3.</p>	<p>Drums: steel (1A1 or 1A2), aluminum (1B1 or 1B2), plywood (1D), fiber (1G), plastic (1H1 or 1H2), or other metal (1N1 or 1N2)</p> <p>or</p> <p>Barrel: wood (2C2)</p> <p>Note: Not authorized for PG I material.</p> <p>or</p> <p>Jerrican: steel (3A1 or 3A2), aluminum (3B1 or 3B2), or plastic (3H1 or 3H2)</p> <p>or</p> <p>Boxes: steel (4A), aluminum (4B), natural wood (4C1 or 4C2), plywood (4D), reconstituted wood (4F), fiberboard (4G), plastic (4H1 or 4H2), or other metal (4N)</p>

A8.2.2. Package in single packaging drums, jerricans, or barrels as follows:

Inner packaging	Outer packaging
Not required	<p>Drums: steel (1A1 or 1A2), aluminum (1B1 or 1B2), fiber (1G) with liner, plastic (1H1 or 1H2), or metal other than steel or aluminum (1N1 or 1N2)</p> <p>Note: Fiber drum (1G) not authorized for PG I materials.</p> <p><i>or</i></p> <p>Jerricans: steel (3A1 or 3A2), aluminum (3B1 or 3B2), or plastic (3H1 or 3H2)</p> <p><i>or</i></p> <p>Barrel: wood (2C1)</p> <p>Note: Wooden barrel (2C1) not authorized for PG I materials.</p>

A8.2.3. Package in composite packagings with plastic inner receptacles as follows:

Inner receptacle	Outer packaging
plastic	<p>Drum: steel (6HA1), aluminum (6HB1), plywood (6HD1), fiber (6HG1), or plastic drum (6HH1)</p> <p>Note: Plywood drum (6HD1) not authorized for PG I materials</p> <p><i>or</i></p> <p>Box: steel (6HA2), aluminum (6HB2), wooden (6HC), plywood (6HD2), or fiberboard (6HG2)</p>

A8.2.4. Package in composite packagings with glass, porcelain or stoneware inner receptacles as follows:

Inner receptacle	Outer packaging
glass, porcelain or stoneware	<p>Drum: steel (6PA1), aluminum (6PB1), plywood (6PD1), wickerwork hamper (6PD2), or fiber (6PG1)</p> <p>Note: Plywood drum or wickerwork hamper (6PD1 or 6PD2) not authorized for PG I material.</p> <p><i>or</i></p> <p>Box: steel (6PA2), aluminum (6PB2), wooden (6PC), or fiberboard (6PG2) solid or expanded plastic packaging (6PH1 or 6PH2)</p>

A8.2.5. DOT Cylinders. DOT specification cylinders as prescribed for any compressed gas, except acetylene (DOT8, 8AL) and DOT 3HT.

A8.3. Packaging for Class 4 Solids is as follows: See also A3.3.4.2.

A8.3.1. Package in combination packagings with outer drums, barrels, jerricans, or boxes as follows:

Inner packaging	Outer packaging
Receptacles: glass or earthenware, plastic, metal or glass ampoules	Drums: steel (1A1 or 1A2), aluminum (1B1 or 1B2), plywood (1D), fiber (1G), plastic (1H1 or 1H2), or other metal (1N1 or 1N2) <i>or</i> Barrel: wood (2C2) <i>or</i> Jerrican: 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), reconstituted wood (4F), fiberboard (4G), solid plastic (4H2), or other metal (4N)

A8.3.2. Package in single packaging drums, jerricans, or barrels as follows:

Inner packaging	Outer packaging
Not required	Drums: steel (1A1 or 1A2), aluminum (1B1 or 1B2), plywood (1D), fiber (1G), plastic (1H1 or 1H2) metal other than steel or aluminum (1N1 or 1N2) Note: Plywood (1D) not authorized for PG I material. <i>or</i> Barrel: wood (2C1 or 2C2) Note: Wooden barrels 2C1 or 2C2 not authorized for PG I material. <i>or</i> Jerrican: steel (3A1 or 3A2), aluminum (3B1 or 3B2), or plastic (3H1 or 3H2) <i>or</i> Boxes: steel (4A), steel (4A) with liner, aluminum (4B), aluminum (4B) with liner, natural wood (4C1 or 4C2), plywood (4D), reconstituted wood (4F), fiberboard (4G) plastic (4H1 or 4H2) or metal other than steel or other metal (4N) Note: Steel boxes(4A) and aluminum boxes (4B) require liners for PG I material. Natural wood (4C1), plywood (4D), reconstituted