

**F8 52.211-9G22 DSCR PALLETIZATION FOR MIL-STD-2073 DSCR (JUL 2002)
IN ACCORDANCE WITH D001450000, REVISION B (01290)**

(a) Palletization.

(1) When the total number of containers going to the same destination exceeds either 250 pounds (excluding pallet) or a volume of 20 cubic feet, then palletization IAW MIL-HDBK-774 is required. When the total number of containers going to the same destination is less than 250 pounds (excluding pallet) and is less than 20 cubic feet, then palletization is not required IAW MIL-HDBK-774.

(2) Except as otherwise provided in this clause, shipping containers may be palletized IAW the guidance cited in MIL-HDBK-774 (formerly MIL-STD-147D). All references to MIL-STD-147D are covered in MIL-HDBK-774. Special palletization instructions may be further specified under other preparation for delivery instructions in this order/contract. In the case of any inconsistency between such special palletization instructions in the requirements cited in this clause, the special palletization instructions shall take precedence.

(3) All pallets shall be new and unused and shall be seasoned hardwood or softwood as required by the applicable pallet specification.

(i) The following commercial heat treatment process has been approved by the American Lumber Standards Committee (ALSC) and is required for all Non-Manufactured Wood Packaging Material (NMWPM) entering a European country or destined for a Container Consolidation Point (CCP) or an aerial or water port of embarkation:

All wooden pallets and wood containers produced entirely or in part of non-manufactured softwood species shall be constructed from Heat Treated (HT to 56 degrees Centigrade for 30 minutes) coniferous material and certified accordingly by an accredited agency recognized by the American Lumber Standards Committee (ALSC) in accordance with Non-manufactured Wood Packing Policy and Non-manufactured Wood Packing Enforcement Regulations both dated May 30, 2001. All wooden pallets and containers produced entirely of non-manufactured hardwood species shall be identified by a permanent marking of "NC," 1.25 inches or greater in height, accompanied by the CAGE code of the contracted manufacturer and the month and year of the contract. On pallets, the marking shall be applied to the stringer or block on opposite sides and ends of the pallet and be contrasting and clearly visible. On containers, the marking shall be applied on a side other than the top or bottom, contrasting and clearly visible.

(ii) Oak and chestnut wood shall be bark free and square edged so that none of the natural rounded surface tissues remain, or be bark free and have a moisture content no greater than 20%. The contractor is responsible for performing an inspection of each shipment to assure compliance with this requirement.

(iii) Pallets required for use, unless otherwise specified, shall be a MIL-P-15011J, 16 Sep 85, Type I (4-Way Entry) or an NN-P-71C, Notice 1, 20 Dec 73, Type IV or V as shown in Figure 2 of MIL-HDBK-774.

(4) Hazardous material containers, except cylinders and 55 gallon drums, shall be palletized IAW Load Type VI of MIL-HDBK-774, Pallet Type IV or V. "Hazardous Material", for the purpose of this clause, means any material considered hazardous under the Department of Transportation Hazardous Material Regulations, 49 CFR 171-79,

IATA, ICAO, IMDG, unless otherwise specified. Use of shrink wrap is not authorized for HAZMAT.

(5) The use of stretch-wrap, shrink film or nonmetallic strapping for bonding is not authorized for export shipments.

(6) Stretch-wrap, when utilized, must be accomplished mechanically (machine or hand held tool that maintains enough tension to secure the items to pallet).

(7) All polyethylene/plastic containers without fiberboard overpack shall be palletized IAW Load Type VI of MIL-HDBK-774.

(b) Loading: Five-gallon tight head pails shall be loaded on pallets IAW Load Type III or IIIA of MIL-HDBK-774, except that a triple layer or course may be used for a total of 42 cans.

(c) Unitization: Supplies that do not lend themselves to the use of MIL-HDBK-774 palletization due to size, weight, configuration, etc. shall be unitized by securely blocking, bracing, or anchoring the load on a skid base or commercial type pallet in a manner that assures safe delivery.