SPECIAL PACKAGING INSTRUCTION

Form Approved
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1. PART OR DRAWING NO. NOMENCLATURE	2. CODE INDENT	3. SPI NO.
CARTRIDGE, AIRCRAFT, FIRE EXTINGUISHER #	59678	(AD) P 1377-17
4. NATIONAL STOCK NO.	**5.DATE OF DRAWING/SPI** (YYMMDD)	**6. REVISION / ERR NO.**
#	170905	-

7. QUP / UNIT OF ISSUE	8. ICQ	9. UNIT PACK WT. (LB) (0.0)	10. UNIT PACK CU (CU. FT.)(0.000)	11. UNIT PACK SIZE (INCHES)(00.0)
1 EA		2.2	0.037	4” x 4” x 4”

	18. STEPS	19. REQD	20. DESCRIPTION
12. MILITARY PRESERVATION	1	1	4” X 6” ANTI-STATIC BAG MIL-DTL-117, TYPE I, CLASS F, STYLE 1
MIL-STD-2073-1 METHOD 41	2	AR	PPP-C-795, CLASS 2 ANTISTATIC BUBBLE WRAP or A-A-59135, CLASS 1, GRADE B
13. CLEANING	3	1	ASTM- D5118, CLASS WR 4” X 4” X 4”
MIL-STD-2073-1	4	1	ASTM-D5118, CLASS WR 14” X 14” X 14”
14. DRYING	5	AR	ASTM -D4727, CLASS WR SPACERS
MIL-STD-2073-1	6	1	ASTM- D1974, CLOSURE METHOD 2B3, SEALING METHOD A
15. PACKING	7	AR	SECURITY TAPE/TAMPER EVIDENT TAPE
a. LEVEL A			
MIL-STD-2073-1			
b. LEVEL B			
MIL-STD-2073-1			
16. MARKING			
MIL-STD-129, Para 5.14			

17. NOTES/DRAWING: # SEE ITEM CHART ON PAGE 2.

A. UNIT PACK REQUIREMENTS: PLACE EACH CARTRIDGE INTO A 4” X 6” ANTI-STATIC BAG (**STEP 1**). WRAP EACH BAG WITH PPP-C-795, CLASS 2 ANTISTATIC BUBBLE WRAP (**STEP 2)**. PLACE EACH CARTRIDGE INTO A 4” X 4” X 4” FIBERBOARD BOX (**STEP 3)**. PLACE UP TO 27 BOXED CARTRIDGES INTO A 14” X 14” X 14” ASTM 5118 FIBERBOARD BOX (**STEP 4**). PLACE SPACERS (**STEP 5**) TO ENSURE TIGHT FIT. SEAL THE 14” X 14” X 14” CONTAINER USING ASTM D1974 (**STEP 6**). SEAL FIBERBOARD BOX WITH SECURITY TAPE/TAMPER EVIDENT TAPE (**STEP 7**)

B. MARKING SHALL BE IN ACCORDANCE WITH THE AMMUNITION MARKING REQUIREMENTS OF MIL-STD-129 AND INCLUDE AS A MINIMUM:

IDENTIFICATION MARKING:
NSN/DODIC
QUANTITY
NOMENCLATURE
LOT NUMBER/SERIAL NUMBER
PACKAGE GROSS WEIGHT
SPI (AD) P1377-17
HAZARD LABEL 1.4S

THE PROPER SHIPPING NAME AND IDENTIFICATION NUMBER (SEE HAZARD CLASS CHART ON PAGE 2) THE PERFORMANCE ORIENTED PACKAGING MARKING ARE AS FOLLOWS:

u
n

4G/Y1/S/**
USA/DOD/AYD

** INSERT LAST TWO DIGITS OF YEAR PACKED

ITEM SIZE: # ITEM WEIGHT: # APPROVED:

PENNOCK.AMANDA.C.1380042157

Digitally signed by PENNOCK.AMANDA.C.1380042157
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=PENNOCK.AMANDA.C.1380042157
Date: 2017.10.03 14:42:36 -05'00'

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1. PART OR DRAWING NO. NOMENCLATURE CARTRIDGE, AIRCRAFT, FIRE EXTINGUISHER #	2. CODE INDENT 59678	3. SPI NO. (AD) P 1377-17
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17. NOTES/DRAWING

C. CONSOLIDATION FOR SHIPMENT:

1.) UNIT PACKAGES MAY SERVE AS THE SHIPPING CONTAINER AND SHALL BE MARKED WITH THE IDENTIFICATION MARKINGS. PROPER SHIPPING NAME, SERIAL NUMBER, HAZARD LABEL, AND POP MARKINGS. UNIT PACKAGES MUST BE OVERPACKED FOR FIRST DESTINATION SHIPMENT.

NOTE: MIXING OF DODIC'S IN SAME OVERPACK CONTAINER IS NOT AUTHORIZED.

2.) EXTERIOR CONTAINERS (LEVEL A OR B) SHALL BE SELECTED FROM THE TABLE C-II IN MIL-STD-2073-1 OR SELECT THE 14" X 14" X 14" FIBERBOARD BOX (**ITEM 4**). THE OVER PACK CONTAINER MUST BE MARKED WITH THE IDENTIFICATION MARKINGS, PROPER SHIPPING NAME, SERIAL NUMBER, HAZARD LABEL, AND MARKED WITH "OVERPACK" IN ONE INCH HIGH LETTERS (MINIMUM) ON THE PACKAGE AND ALL SHIPPING PAPERS". THE POP MARKING IS NOT REQUIRED ON THE OVERPACK CONTAINER.

3.) SHIPMENT OF IDENTICAL ITEMS GOING TO THE SAME DESTINATION SHALL BE PALLETIZED IF THE TOTAL DISPLACEMENT IS 50 CUBIC FEET OR MORE. PALLET LOADS MUST BE STABLE AND TO THE MOST PART PROVIDE A LEVEL TOPSIDE FOR EASE IN STACKING. A PALLET LOAD SHALL NOT EXCEED 4,000 LBS. AND SHOULD NOT EXCEED 52 INCHES IN LENGTH OR WIDTH. THE HEIGHT SHOULD BE NO TALLER THAN 54 INCHES AND AT LEAST ONE OF THE HORIZONTAL DIMENSIONS MUST BE LESS THAN 47 INCHES (MAX.) A FOUR-WAY ENTRY PALLET OR PALLET BOX SHALL BE USED TO CONTAIN THE LOAD IN A MANNER THAT WILL PERMIT SAFE MULTIPLE REHANDLING DURING SHIPMENT AND STORAGE. PALLETIZED LOADS MUST BE MARKED PER MIL-STD-129.

D. PERFORMANCE ORIENTED PACKAGING (POP) PERIODIC RETESTING REQUIREMENTS:

1) PRIOR TO SHIPMENT, THE CONTRACTOR SHALL ENSURE THAT THE COMBINATION PACKAGING HAS BEEN TESTED FOR COMPLIANCE WITH POP PERIODIC RETESTING REQUIREMENTS IN ACCORDANCE WITH TITLE 49 CODE OF FEDERAL REGULATIONS PARAGRAPH 178.600. POP MARKINGS PROVIDED IN THIS SPI SHALL NOT BE APPLIED TO THE CONTAINER UNTIL TEST RESULTS ARE VERIFIED BY THE GOVERNMENT.

2) A POP TEST REPORT SHALL BE GENERATED IN ACCORDANCE WITH DATA ITEM DESCRIPTION DI-PACK-81059 FOLLOWING THE TESTS AND PROVIDED TO ARDEC, ATTN: RDAR-EIL-TP, ROCK ISLAND, IL 61299-7300.

3) ONLY ONE TEST IS REQUIRED FOR THE MULTIPLE NSN'S COVERED THE SAME SPECIAL PACKAGING INSTRUCTION.

HAZARD CLASS INFORMATION CHART

DODIC	QUP	UN PROPER SHIPPING NAME	UN SERIAL NO.	LABEL	N.E.W.
MT20	1	CARTRIDGES POWER DEVICE	0323	1.4S	0.000860
TY60	1	CARTRIDGES POWER DEVICE	0323	1.4S	0.000677
TY61	1	CARTRIDGES POWER DEVICE	0323	1.4S	0.000677

ITEM CHART

NSN	DODIC	ITEM SIZE	ITEM WT	NOMENCLATURE AND PART NUMBER
1377-01-660-5593	MT20	2.8 x 1 x 1.3	0.145	CARTRIDGE, CT01600-1
1377-01-660-5588	TY60	2.8 x 1 x 1.3	0.130	CARTRIDGE, CT01700-1
1377-01-660-5592	TY61	2.8 x 1 x 1.3	0.130	CARTRIDGE, CT02400-1