

EXITING THE METHODS OF PRESERVATION MAZE: METHOD 30

THIS IS THE FOURTH ARTICLE IN A MONTHLY SERIES, WHICH BEGAN WITH "CLEARING THE METHODS OF PRESERVATION MAZE" ON PAGES 52-53 IN PS 722 (JAN 13).

PS HAS GIVEN US THIS MAP.

NOW LET'S GET OUTTA HERE!

EXIT



I DON'T KNOW. IT'S SCARY. I HEAR WOLVES! IT'S BEEN SO LONG. GUYS, GUYS! WE CAN DO THIS!

IN THIS PACKAGING SERIES, WE'VE BEEN TALKING ABOUT A "MAZE OF CONFUSION" THAT'S CAUSED BY A FAILURE TO UNDERSTAND THE DIFFERENT KINDS OF MILITARY PACKAGING PRESERVATION METHODS.

WE'VE ALREADY COVERED METHODS 10 AND 20. THIS MONTH WE'LL DISCUSS THE **THIRD** PACKAGING PRESERVATION OPTION, **METHOD 30.**

THIS METHOD IS A BIT TRICKIER THAN THE FIRST TWO, SO YOU'LL NEED A TRUSTY MAP TO "EXIT THE MAZE" OF PACKAGING PRESERVATION OPTIONS USING METHOD 30.



THE BEST GUIDE TO USE IS MIL-STD-2073-1, **STANDARD PRACTICE FOR MILITARY PACKAGING.**

METHOD 30 PRESERVATION REQUIRES USING WATERPROOF OR WATERPROOF-GREASEPROOF PROTECTION (WITH PRESERVATIVE, AS REQUIRED).

PACKS ARE APPROPRIATE ALMOST ANYTIME THE ITEM WILL FIT INTO A BAG, A RIGID CONTAINER OTHER THAN ALL METAL, OR AS LONG AS ONLY WATERPROOF OR WATERPROOF-GREASEPROOF PROTECTION IS NEEDED.

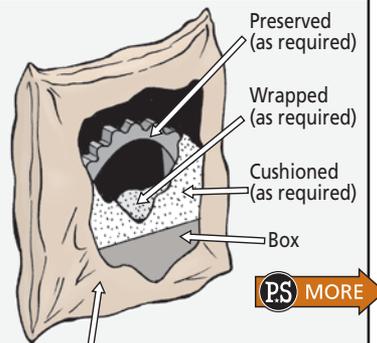
HOWEVER, METHOD 30 ISN'T THE RIGHT CHOICE FOR PACKAGING IF WATER-VAPORPROOF PROTECTION IS ALSO REQUIRED—IN THAT CASE, YOU MUST CHOOSE METHOD 40 OR 50.



TO USE METHOD 30, PLACE AN ITEM THAT IS PRESERVED, WRAPPED AND CUSHIONED AS NEEDED INTO A CLOSE-FITTING BOX OR CARTON.

ENCLOSE THAT BOX, IN TURN, IN A SEALED WATERPROOF BAG.

AND FOLLOW THE STEPS ON THE NEXT PAGE...



PS MORE

Bag-A-A3174 Type I or II, Grade A, Class I MIL-PRF-22191 Type III MIL-B-22020 as limited by MIL-I-8574

- Clean and dry the item.
- Select and apply a preservative coating to the item or parts of it.
- Apply a greaseproof wrap conforming to MIL-PRF-121, Type I or II.
- Select a close-fitting inner container from MIL-STD-2073-1 or the container specified by the contract or order. See Page 53 of Container Selection.
- Insert the item into the container along with cushioning and dunnage. This will protect the item from any projections or sharp edges and restrict its movement within the container.
- Blunt the sharp edges and corners of the box to protect the bag selected in Step 7.
- Enclose the box in a bag conforming to MIL-DTL-117, Type I, Class B. The following are examples of barrier (bag) materials meeting the MIL-DTL-117 requirement: A-A-3174, Type I or II, Grade A, Class 1 (see note below) and MIL-PRF-22191, Type III. Note: When specified, a protective wrap of heavy-duty kraft paper or equivalent (tape sealed) should be used to protect the barrier material.
- Heat-seal the bag. Keep the trapped air between the box and the bag to a minimum by compressing the bag or by using mechanical means, such as a vacuum cleaner attachment. Be careful not to rupture the bag.
- Apply markings according to MIL-STD-129.



IF YOU GET **LOST**, CALL THE LOGISTICS SUPPORT ACTIVITY'S PACKAGING, STORAGE AND CONTAINERIZATION CENTER AT DSN 795-7105, (570) 615-7105, OR EMAIL: hcvmtdh4@g'Ufa nta J IN THE NEXT ISSUE, WE'LL LOOK AT **METHOD 40.**

You can find the publications referenced in this series at:

<http://quicksearch.dla.mil/>

The quickest way to find a pub is to enter any numbers from its title (for example, MIL-STD-129 would be '129') into the Document Number search box and then press the Submit button.