



# Packaging For United Nations Compliance Performance Oriented Packaging Program



## PERFORMANCE ORIENTED PACKAGING

What is it? Why do I need to do it? Who makes the rules? How do I conform to the requirements? These are some of the questions addressed at the Performance Oriented Packaging Training provided by DDC-J-3/J-4-O.

Performance Oriented Packaging, POP for short, was introduced into international packaging regulations in 1989-90. It was made a mandatory requirement for OCONUS shipments on 1 January 1991. During the following five years POP was phased into the domestic Code of Federal Regulations CFR 49. It has been the law of the land since 1 October 1996.

POP is packaging that meets design qualification testing. Package designs are subjected to Drop, Stack, Vibration, Leakproofness and Hydrostatic tests based upon United Nations recommendations. A United Nations Certification marking may be applied to the packagings once the design passes the performance tests.

## TRAINING

General Awareness, Function Specific and Safety Training are mandated by the Department of Transportation under the Code of Federal Regulations CFR49. Training must be provided or verified within 90 days of employment or movement of an employee into a hazardous material position. POP satisfies function specific training for receiving personnel, packers, warehouse workers and certifiers. It should be part of your hazardous material training program.

**COURSE DESCRIPTION:** POP Training covers an orientation to Performance Oriented Packaging, general packaging requirements, package markings, use of Selective Testing Variations, exemptions and approvals. Topics also include HAZMAT identification, United Nations (UN) and MIL-STD 129 markings and packaging codes. Students are given an opportunity to get hands on use of the Performance Oriented Packaging Computer Program.

**ON-SITE TRAINING COST:** Instructor travel, Per Diem and course materials. (HQ DDC funds DLA Depots)

**CLASS SIZE:** Up to 15 Students

**PREREQUISITES:** Students should be performing work in some phase of HAZMAT distribution.

## POP Program

The Defense Distribution Center (DDC) is the Department of Defense central focal point for Performance Oriented Packaging. The Operations Division maintains a computer-based program called **Packaging for UN Conformance – Performance Oriented Packaging (POP)**. The program consolidates the testing done by all Military services into one database. Packagers of hazardous materials subject to POP can use the program to obtain tested, approved packaging configurations. DDC-J-3/J-4-O offers POP training to all DOD activities.

**Training is available to DoD  
on IVT via GETN!  
(Call for more information)**

## HOW TO RUN THE PROGRAM

DoD personnel may use the POP program directly from the DDC POP Web Page:

<http://www.ddc.dla.mil/pop>

There is a downloadable version of the program (without the graphics features) available for use during deployments, inspections and times when access to the Internet is restricted or not possible. It is available for downloading from the Web Site above. Note: The database for the stand-alone version must be updated each month.

If you do not have Internet access and your systems office cannot assist you in accessing the program, you may obtain a CD-ROM copy of the program by emailing:

[Popsupport@ddc.dla.mil](mailto:Popsupport@ddc.dla.mil)

Or calling DDC-J-3/J-4-O at:

Comm. (717) 770-8238 or 5449  
DSN: 771-8238 or 5449