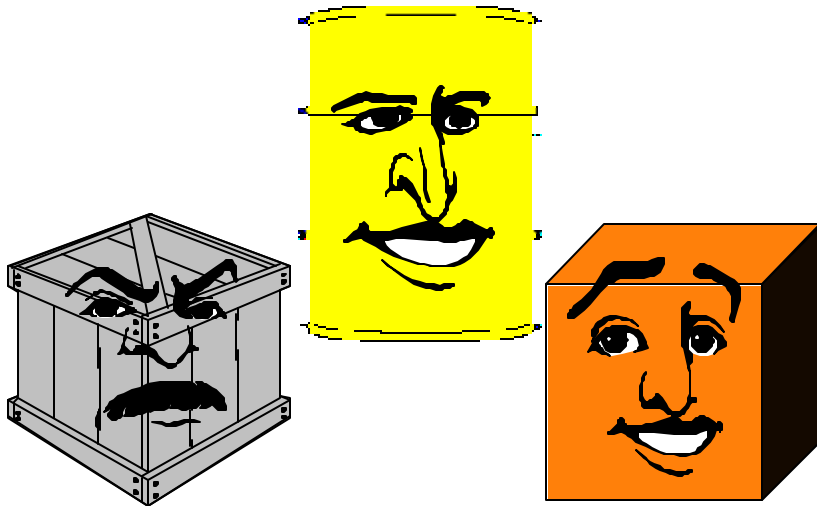




**BILINGUAL
HAZARDOUS MATERIALS
GENERAL AWARENESS TRAINING**
Volume VI

PERFORMANCE ORIENTED PACKAGING



**EMBLAJE ORIENTADO
PARA FUNCIONAR**

The format for the material contained herein was developed using Presentation Task Force and Corel Draw, WordPerfect, and Presentations.

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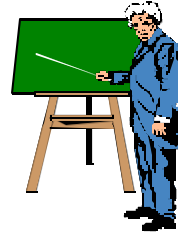
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Teach All Employees

Applicable Regulations

Whose Job Function is:

- Preparing hazardous materials for shipment
- Preparing shipping papers



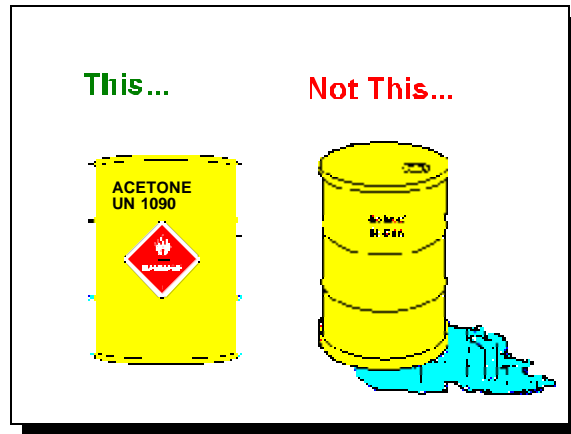
Containers used or intended for use in the transportation of hazardous materials are regulated by the HMR.

You're subject to the HMR if you:

- make, sell and/or offer these containers,
- inspect, test, retest or repair and rebuild them,
- prepare and/or offer hazardous materials for transportation, or
- accept a shipment of hazardous materials for transportation.

If you offer hazardous materials for transportation, you must train your employees in the HMR requirements that may apply. Train every officer, agent and employee that has any responsibility for preparing the hazardous materials for shipments.

173.1(b)



A shipment of hazardous materials that's not prepared in accordance with the HMR may not be offered for transportation by any mode.

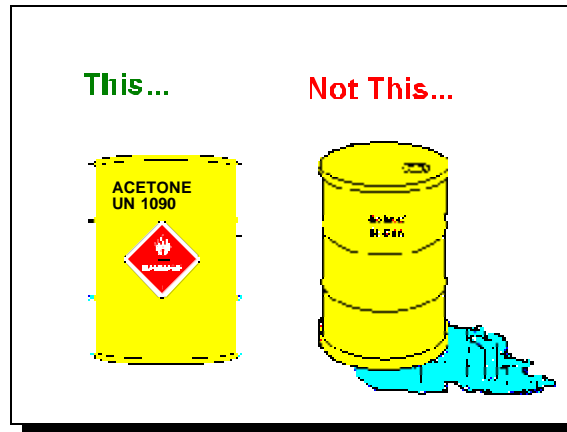
173.1(b)

Packaging

Anyone Performing a Hazardous Materials Regulation required packaging function.. Must Comply with 49 CFR Part 173

Anyone who performs a function required by the HMR packaging provisions must perform that function according to the HMR.

173.1(c)



The purpose of the HMR packaging requirements is to assure that hazardous materials remain in the package during transportation.

Column 2, HM Table

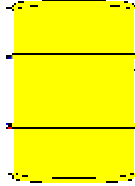
Hazardous materials description and proper shipping name	Hazard Class or Division	Identification number
Flammable liquids, n.o.s.	3	UN1963

The Hazardous Materials Table (HMT) is the menu for hazardous materials packaging.

There are steps to follow to select the proper packaging from the menu. This includes becoming familiar with additional packaging requirements. Some apply in general, others apply to specific modes of transportation.

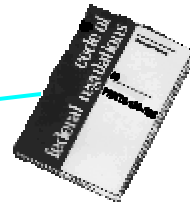
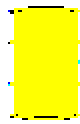
Select Appropriate Package

- Check for Quantity Limitations
- Check other Restrictions



In selecting a packaging, you must ALSO consider quantity and modal limitations that may restrict your choices.

Packaging



Use the selection menu procedure to choose proper packaging for any hazardous material. Use the same method to determine if a packaging is in compliance with the HMR.

HM Table Column 8

Packaging (173.***)		
Exceptions (8A)	Non-bulk (8B)	Bulk (8C)
150	203	242

To select the proper packaging for hazardous materials transportation, you must start at the Hazardous Materials Table, Column 8. Notice that the Column is divided into three sub-columns, (8a), exceptions, (8b), Non-bulk packages, and (8c), Bulk packages. Also, notice at the top of the Column, the entry "(173***)". This entry, 173*** combines with the numerical section listed in the Columns to direct you to the proper section to find the authorized packaging for each hazardous material.

Column 7, Special Provisions

(5)	(6)	Special Provisions (7)
		1..... 2..... B1, T1..... A7, B2, N34, T8, T26

Now, before you turn to the packaging section to select the package you wish to use, look at Column (7) Special Provisions. This Column identifies any special packaging requirements, or handling requirements for the material you want to package. After you have met all the Special Provisions you are ready to turn to the packaging section referenced in Column 8. When you locate the proper section you are free to use any packaging type listed in the section.

Shipper's Responsibility



- * Classify and describe the hazardous materials
- * Determine proper packaging
- * Perform packaging functions required by 49 CFR 173.24
- * Close Package as per Manufacturers instructions

PERFORMANCE ORIENTED PACKAGING

SHIPPER RESPONSIBILITY

- Classify and describe the HM in accordance with the HMR.
- Determine proper packaging and verify compliance of the selected packaging or container.
- Perform packaging functions required by the general packaging requirements in 173.24, 173.24a, 173.24b.
- Perform actions, based on instructions provided by the manufacturer, needed for the package to comply with Part 178.

Carrier = Shipper?

- < **Carrier Repackages Material**
- < **Carrier Functions as a Shipper**
- < **Carrier Must Comply with the Hazardous Materials Regulations**

Example: If a carrier repackages a hazardous material for any reason, the carrier is preparing the shipment for transportation.

He/she must repackage the materials in accordance with all applicable HMR provisions. It makes no difference that the carrier is not the shipper.

Sometimes, more than one person performs an offeror function. Each person performing an "offeror," in other words the shipper, function is accountable for HMR packaging responsibilities.

173.1(c)