

description such as “non-specification bulk bin.”

(25) Enter the appropriate failure codes (found at the end of the instructions): Enter the codes that describe what failed on the packaging, how the packaging failed, and the cause(s) of the failure. Be sure to enter the codes from the list that corresponds to the particular packaging types checked above (#24). Enter the most important failure point in line 1. If there is a second failure point, enter in line 2. If there are more than two failure points, provide additional information in this format in Part VI. The following explains the content of each line: What Failed: You can enter up to 2 “What Failed” codes to describe the part of the packaging that fails and was the immediate cause of the release. Often, on a simple packaging, only one code will be required. On more complex packaging, additional entries will help identify where that failure occurred. The first

entry should designate the specific point of failure, followed by entries that help identify where that failure occurred. For instance, a deteriorated gasket on a pipe flange on the liquid line would have failure code 121 for gasket entered first and failure code 118 for flange entered second.

How Failed: Enter the “Failure” code that describes how the corresponding part of the packaging failed. The primary way the packaging failed should be entered first. *Cause(s) of Failure:* Enter the “Cause of Failure” code that describes what caused the corresponding part of the packaging to fail in the way it did. The most probable or fundamental cause of failure should be entered first.

If none of the codes on the list fit exactly, use the closest matches and provide additional detail in Part VI. Also, if you believe a better set of codes would be more

descriptive of what failed, how it failed, and the causes of failure, suggest them in Part VII.

(26a) *Provide the complete packaging identification markings, if available:* Every specification packaging, UN or DOT, has a packaging identification printed or stamped on it or on a plate attached to the packaging. Examples are provided on the form.

(26b) *For Non-bulk, IBC, or non-specification packaging:* Only fill out 26b if the marking is incomplete, destroyed, or unknown. Fill in the Outer and Inner packaging type and material of construction information, as appropriate. If the packaging is Non-bulk or Intermediate Bulk Container (IBC), use the codes below to enter the number or letter that applies for either Non-bulk or IBC packaging. For non-bulk, IBC or non-specification packaging provide a description of the packaging in the space(s) provided.

NON-BULK PACKAGING IDENTIFICATION CODES

Outer Packaging		
Type	Material	Head type
1 = Drum 2 = Wooden Barrel 3 = Jerrican 4 = Box 5 = Bag 6 = Composite Packaging 7 = Pressure receptacle	A = Steel B = Aluminum C = Natural Wood D = Plywood F = Reconstituted Wood G = Fiberboard H = Plastic L = Textile M = Paper, multi-wall N = Metal other than steel or aluminum P = Glass, porcelain, or stoneware	1 = Non-removable 2 = Removable
Inner Packaging		
Type	Material	
1 = Bottle 2 = Can 3 = Box 4 = Bag 5 = Cylinder	A = Metal (any type) B = Glass, porcelain, or stoneware C = Plastic D = Fiberboard or cardboard E = Wood (any type)	

IBC Packaging Identification Codes

Material of Construction

- 1—Metal
- 2—Plastic
- 3—Composite
- 4—Fiberboard
- 5—Wooden
- 6—Flexible

(27) *Describe the package capacity and the quantity:* Enter the total capacity of the inner and outer package. Also enter the actual amount of hazardous material that was shipped in the package, the number of packages in the shipment, and the number of packages that failed. Please include the units of measurement (liter, gallons, pounds, cubic feet, etc.)

(28) Provide package construction and test information, as appropriate: In the case of Non-bulk packagings or IBCs enter the name of the packaging manufacturer or the symbol of the manufacturer only if complete

identification markings were not provided in #26b. Enter the date of manufacture and the serial number, if applicable. Enter the last test date if the packaging requires periodic testing. Also include the design pressure, shell thickness, head thickness, and service pressure if the failed packagings are of the type indicated in parenthesis after each question. If the packaging contained a valve, or other device that failed and resulted in a hazardous material release, enter the valve or device type, manufacturer, and model number.

(29) If the package is for Radioactive Materials, complete the following: Complete this question only if a radioactive material was involved. Indicate the packaging category, the packaging certification, certification number, and which nuclides were present, the transportation index (TI), activity of the nuclides, and the criticality safety index.

Part IV: Consequences

(30) *Result of Incident:* Check all boxes that describe what occurred during the incident or as a result of the incident. For example, in a situation where a truckload of 55 gallon drums of corrosive liquids overturns resulting in a release that contaminates a nearby wetlands and stream the boxes “Spillage,” “Material Entered Waterway/ Storm Sewer,” and “Environmental Damage” may apply.

(31) *Emergency Response:* Check all boxes that correspond with any emergency response and cleanup crews that participated in resolving the incident. If a fire crew, EMS, or police unit responded to the incident, include the report number.

(32) *Damages:* You are required to provide information on estimated damages if your damages exceed \$500.00. This figure includes the cost of the material lost, property damage, vehicle damage, response costs, and clean-up costs. If you do not know