



Shipping Documents And Emergency Response Information





Objectives

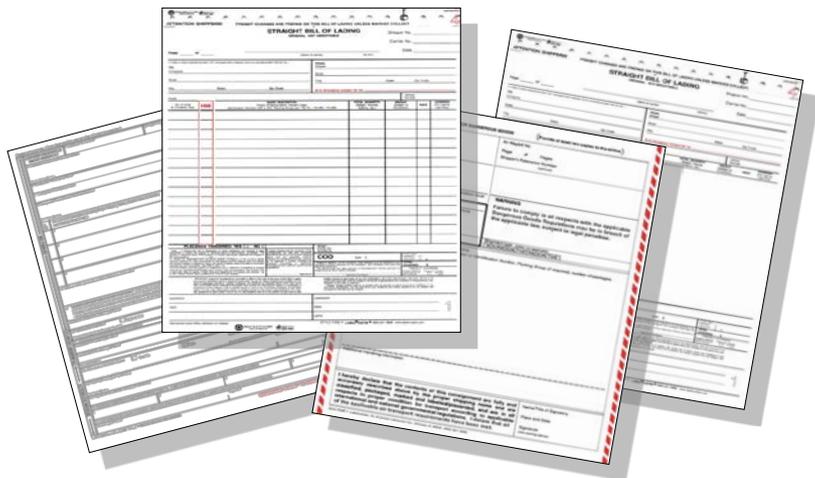
- **Identify** Shipping Paper requirements per HMR
- **Discuss** additional information requirements
- **Identify** SP requirements to accompany shipping documents
- **Identify** required Emergency Response Information





Subpart C – Shipping Papers

A shipping order, bill of lading, manifest, or other shipping document may serve a similar purpose and contain the information required by Subpart C, 172.200 - 205



- **Hazardous Materials**
- **Hazardous Substances**
- **Marine Pollutants**
- **ORM-D (air mode)**

§171.8; §172.200





Required Information

Symbols	Hazardous materials descriptions and proper shipping names	Hazard class or Division	Identification Numbers	PG	Label Codes	Special provisions (§ 172.102)	(8)			(9)		(10) Vessel stowage	
							Packaging (§ 173.***)			Quantity limitations (see §§ 173.27 and 175.75)		Location	Other
							Exceptions	Non-bulk	Bulk	Passenger aircraft/rail	Cargo aircraft only		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Accellerene, seep-Nitrosodimethylaniline</i>												
	<i>Accumulators, electric, seeBatteries, wetetc</i>												
	<i>Accumulators, pressurized, pneumatic or hydraulic (containing non-flamable gas), seeArticles pressurized, pneumaticorhydraulic (containing non-flamable gas)</i>												
	Acetal	3	UN1088	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	
	Acetaldehyde	3	UN1089	I	3	A3, B16, T11, TP2, TP7	None	201	243	Forbidden	30 L	E	
A	Acetaldehyde ammonia	9	UN1841	III	9	IB8, IP3, IP7, T1, TP33	155	204	240	200 kg	200 kg	A	34





Display of HAZMAT Information

- Listed first
- **Contrasting color**
- Identified with “X” in HM Column
- Legible
- English
- Authorized abbreviations (RQ, PG, Cyl, 99Mo)
- Additional information
- Continuation pages
- Emergency response telephone number





Shipping Documents

STRAIGHT BILL OF LADING						
ORIGINAL - NOT NEGOTIABLE						
Page ____ of ____					Shipper No. _____	
(Name of carrier)					Carrier No. _____	
(SCAC)					Date _____	
On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.				FROM:		
TO:				Shipper		
Consignee				Street		
Street				City State Zip Code		
City State Zip Code				24 hr. Emergency Contact Tel. No. _____		
Route						Vehicle Number
No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 Box		Carriage bolts	1000			
4 Drums	X	UN1805, Phosphoric acid solution, 8, PGIII	4 gal			
1 Drum	X	UN1993, Flammable liquids, n.o.s., (contains methanol), 3, PGIII	18 gal			
1 Box		Carriage bolts	1000			
This shipment is within limitations for Cargo Aircraft only						





Shipping Description and UN Harmonization

Final Rule HM215L

- Authorizes the sequence for International Shipments, *January 1, 2007*
- Provides for domestic voluntary compliance, *January 1, 2007*
- Establishes mandatory compliance, *January 1, 2013*





Hazardous Materials Descriptions

- **I**dentification number
- Proper **S**hipping Name (PSN)
- **H**azard class or division
 - (Subsidiary risks)
- **P**acking Group





Hazardous Materials Basic Description

No. of Units & Container Type	HM	BASIC DESCRIPTION Identification Number (UN or NA), Proper Shipping Name, Hazard Class, Packing Group, per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)
4 Drums	X	UN1805, Phosphoric acid solution, 8, PGIII	4 gal

I S H P

§172.202(b)





Required Information

- **Technical names for n.o.s. entries**
 - (in association with the PSN)
 - (in parenthesis)
- **Total quantity**
 - Mass, volume or activity for Class 7
 - Only number of cylinders required
- **Number and type of packages**





Shipping Documents

STRAIGHT BILL OF LADING						Shipper No. _____
ORIGINAL - NOT NEGOTIABLE						Carrier No. _____
Page _____ of _____						Date _____
(Name of carrier)						(SCAC)
On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.						
TO: Consignee Street City State Zip Code			FROM: Shipper Street City State Zip Code			
						24 hr. Emergency Contact Tel. No. _____
Route					Vehicle Number	
No. of Units & Container Type	HM	BASIC DESCRIPTOR <small>Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
4 Drums	X	UN1805, Phosphoric acid solution, 8, PGIII	4 gal			
1 Drum	X	UN1993, Flammable Liquids, n.o.s., (contains methanol), 3, PGIII	18 gal			





Additional Information

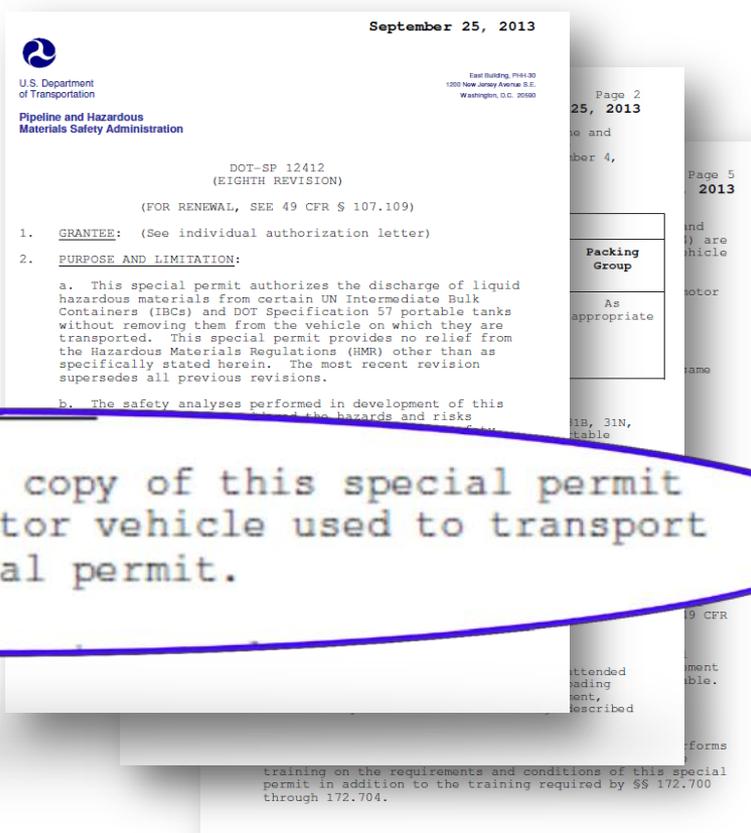
- Special Permits (Exemptions)
 - DOT-SP
- Limited Quantity (Ltd Qty)
- Hazardous Substance – RQ
- Radioactive Material
- Empty Packages
- Transportation by modes
- Marine Pollutants
- Vessel Mode (non-bulk package)
- Poison or toxic inhalation hazard





Additional Information

Special Permits (DOT-SP) may include instructions for the SP to be marked on the shipping document, accompany shipping documents or be present in the vehicle transporting the hazardous materials.





Additional Descriptions

STRAIGHT BILL OF LADING		ORIGINAL - NOT NEGOTIABLE		Shipper No. _____		
Page _____ of _____		(Name of carrier) _____ (SCAC) _____		Carrier No. _____		
				Date _____		
On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.				FROM: Shipper _____		
TO: Consignee _____		Street _____				
Street _____		City _____		State _____ Zip Code _____		
City _____ State _____ Zip Code _____		24 hr. Emergency Contact Tel. No. _____				
Route _____			Vehicle Number _____			
No. of Units & Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
1 Box	X	RO, UN1587, Copper cyanide, 6.1, PGII, Marine Pollutant	10 lbs			
30 cans	X	UN1805 Phosphoric acid solution, 8, III DOT SP- 15890	30 gals			
2 totes	X	UN1587, Copper Cyanide, 6.1, II "residue last contained"	residue			





Hazardous Waste Shipments

Please print or type. (Form designed for use on efile (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Manifest Tracking Number				
	5. Generator's Name and Mailing Address						Generator's Site Address (if different than mailing address)						
	Generator's Phone:												
	6. Transporter 1 Company Name						U.S. EPA ID Number						
	7. Transporter 2 Company Name						U.S. EPA ID Number						
	8. Designated Facility Name and Site Address						U.S. EPA ID Number						
	Facility's Phone:												
	9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
							No.	Type					
	1.												
X		UN1090, Waste Acetone, 3, PGII				1	DM	5 gal					
2.													
3.													
4.													





Shipping by Air

SHIPPER'S DECLARATION FOR DANGEROUS GOODS <small>(Provide at least two copies to the airline.)</small>									
Shipper	Air Waybill No. Page of Pages Shipper's Reference Number <small>(optional)</small>								
Consignee									
<p><i>Two completed and signed copies of this Declaration must be handed to the operator</i></p> <table border="1"> <tr> <td colspan="2">TRANSPORT DETAILS</td> </tr> <tr> <td>This shipment is within the limitations prescribed for: <small>(delete non-applicable)</small></td> <td>Airport of Departure</td> </tr> <tr> <td> <input checked="" type="checkbox"/> PASSENGER AIRCRAFT <input checked="" type="checkbox"/> CARGO AIRCRAFT ONLY </td> <td></td> </tr> <tr> <td>Airport of Destination:</td> <td>Shipment type: <small>(delete non-applicable)</small> NON-RADIOACTIVE FLAMMABLE LIQUID</td> </tr> </table> <p>WARNING Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.</p>		TRANSPORT DETAILS		This shipment is within the limitations prescribed for: <small>(delete non-applicable)</small>	Airport of Departure	<input checked="" type="checkbox"/> PASSENGER AIRCRAFT <input checked="" type="checkbox"/> CARGO AIRCRAFT ONLY		Airport of Destination:	Shipment type: <small>(delete non-applicable)</small> NON-RADIOACTIVE FLAMMABLE LIQUID
TRANSPORT DETAILS									
This shipment is within the limitations prescribed for: <small>(delete non-applicable)</small>	Airport of Departure								
<input checked="" type="checkbox"/> PASSENGER AIRCRAFT <input checked="" type="checkbox"/> CARGO AIRCRAFT ONLY									
Airport of Destination:	Shipment type: <small>(delete non-applicable)</small> NON-RADIOACTIVE FLAMMABLE LIQUID								
<p>NATURE AND QUANTITY OF DANGEROUS GOODS Proper Shipping Name, Class or Division, UN Number or Identification Number, Packing Group (if required), number of packages, and all other required information.</p> <p>UN 1993, Flammable Liquids, n.o.s., (contains methanol), 3, PGII // 1Steel Drum x 60 L // 307</p>									





Shipper's Certification

Each person who offers a hazardous material for transportation shall certify that the material is offered for transportation in accordance with the **HMR.**

Emergency Contact: 1-800-555-1234			
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.			
Signed: <i>H.M. Smart</i>			
Date: <i>Oct. 10, 2005</i>			





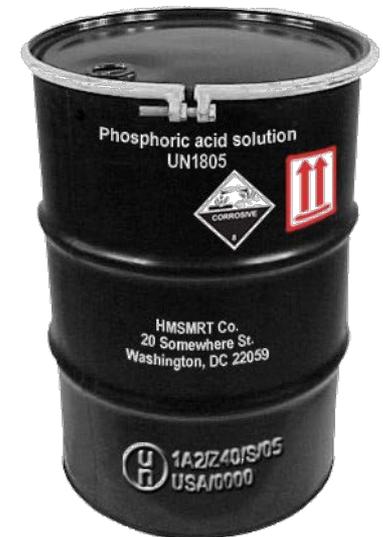
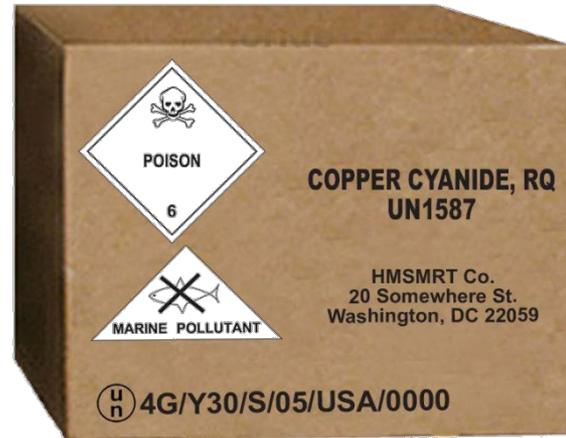
Shipping Paper Retention

- **Copy or electronic image**
 - Include date of acceptance by initial carrier
 - Retained by shipper for two years
 - Retained by carrier for one years
 - Hazardous waste retained 3 years
- **Accessible at or through principal place of business**
- **Must be made available upon authorized official request**





Describing Hazardous Materials





Emergency Response Telephone Number

Person monitors at all times during transportation:

- Is knowledgeable of the hazardous materials listed
- Has comprehensive emergency response and incident mitigation information for that material; or
- Has immediate access to a person who possesses such knowledge
- Accepts Responsibility





Emergency Response Telephone Number

STRAIGHT BILL OF LADING ORIGINAL - NOT NEGOTIABLE

Shipper No. _____

Carrier No. _____

Date _____

Page _____ of _____

(Name of carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO:
 Consignee

 Street

 City State Zip Code

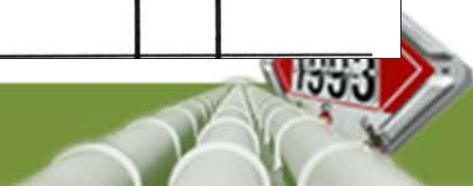
FROM: Shipper **Korean Dangerous Goods Shippers**
 Street

 City **Pusan** State **ROK** Zip Code

+82-51-1330
24 hr. Emergency Contact Tel. No. _____

Route _____ Vehicle Number _____

No. of Units & Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
1 Drums	X	UN1805, Phosphoric acid solution, 8, PGIII,	5 gal			
1 Drum	X	UN1993, Flammable liquids, n.o.s., (contains methanol), 3, PGIII,	30 gal			





Providing Emergency Response Information

- **During transportation and at facilities where:**
 - Loaded for transportation
 - Stored incidental to transportation
 - Handled during any phase of transport
- **Applies to persons who:**
 - Offer for transportation
 - Accept for transportation
 - Transfer during transportation
 - Handle during transportation





Availability of Emergency Response Information

- All times Hazardous material is present
- Immediately available during accident or incident to emergency personnel
 - Includes emergency response telephone number
- During investigations to
 - Federal, State or Local government representatives





Emergency Response Information

- Basic description and technical name
- Immediate hazards to health
- Risks of fire or explosion
- Immediate precautions to be taken in the event of an accident or incident
- Immediate method for handling fires
- Initial methods for handling spills or leaks in the absence of fire
- Preliminary first aid measures





Presenting Emergency Response Information

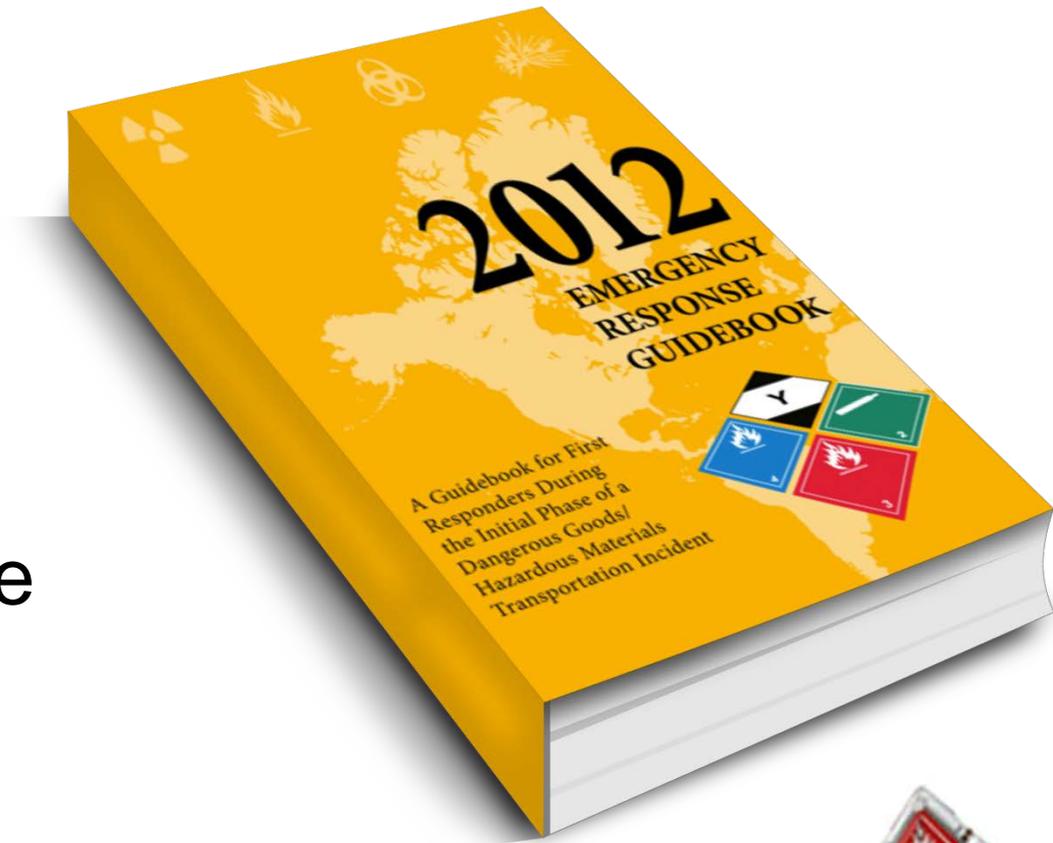
- Printed legibly in English
- Availability away from hazardous materials package
- On shipping paper or document that includes:
 - Basic description
 - Technical names





Emergency Response Guidebook (ERG)

- Aids emergency responders
- Identifies specific or generic hazards of material(s)
- Provides for protective actions





How You Reach Us

Hazardous Materials INFO-LINE

1-800-HMR49-22

(1-800-467-4922)

Hours of Operation: 9 am – 5 pm ET



- Obtain answers to HMR questions
- Request copies of Federal Register, special permits or training materials
- Report HMR violations
- Fax on Demand

E-mail: infocntr@dot.gov



