

TRANSPORT DATA SHEET

This is not an official document. It may be used for quick reference but is not intended to guarantee regulatory compliance.

PRODUCT OVERVIEW

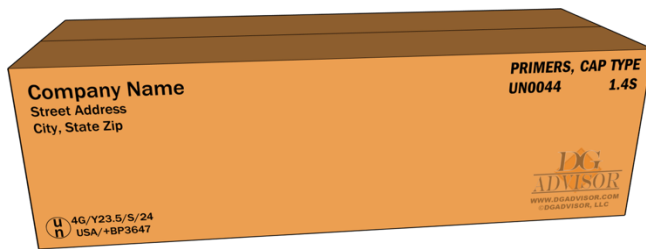
Proper Shipping Name	Primers, cap type		
Identification Number	UN0044	Hazard Class	1.4S
Mode of Transportation	US Domestic Road & Rail		
Commodity	Articles consisting of a metal or plastic cap (as opposed to a tube), with or without anvil, containing a small amount of primary explosive mixture that is readily ignited by impact. They serve as igniting elements in small arms cartridges and other articles.		

Executive Summary

The package, overpack, and shipping paper should appear like the images below. The UN number and proper shipping name should be located together, printed on or affixed to a single side or the top of the outer packaging.

Package Approach

Typical Manufacturer Approach



Typical Pallet Overpack



Completing a Bill of Lading

Below is an example of how to complete the Bill of Lading (BOL) for this scenario.

HANDLING UNIT		PACKAGE		GROSS WEIGHT (LBS)	NEM (LBS)	H.M (X)	COMMODITY DESCRIPTION Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care.	LTL ONLY	
QTY	TYPE	QTY	TYPE					NMFC NUMBER	CLASS
1	PALLET	36	BOXES	252	38	X	UN0014, Cartridges for tools, blank, 1.4S	[PER NMFC]	[PER NMFC]
		10	BOXES	70	8	X	UN0044, Primers, cap type, 1.4S	[PER NMFC]	[PER NMFC]
		2	BOXES	50			LTD QTY Cartridges, small arms	[PER NMFC]	[PER NMFC]
1 # Pallets @		60 pounds each	60	PALLET WEIGHT		46	NET EXPLOSIVE MASS (lbs)		
		48 Total Pieces	372	GROSS WEIGHT					
			432	TOTAL GROSS					

Reference the [Shipping Paper Requirements](#) section of this document for additional details.

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PRIMERS, CAP TYPE, 1.4S

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HAZARDOUS MATERIALS TABLE

Symbols	Hazardous Materials Descriptions and Proper Shipping Name	Hazard Class or Division	Identification Numbers	PG	Label Codes	Special Provisions	(8)			(9)		(10)	
							Packaging (§ 173.***)			Quantity Limitations (see § 173.27 and § 175.75)		Vessel Stowage	
							Exceptions	Non-Bulk	Bulk	Passenger aircraft/rail	Cargo Aircraft Only	Location	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Primers, cap type	1.4S	UN0044		None		None	62	None	25 kg	100 kg	01	25

Any blank column of the HazMat table is not applicable.

Citation: [49 CFR § 172.101](#); [49 CFR § 172.102](#)

CLASSIFICATION

Primers are classified by the Department of Transportation (DOT) in an EX approval issued to the manufacturer. Shippers may re-ship primers using the manufacturer's EX approval including any special requirements in the Packing Note. Primers may be assigned to Compatibility Group S when they meet certain test criteria in the United Nations Manual of Tests and Criteria Series 6(c) external fire (bonfire) test.

The 1.4S classification versus UN0378, Primers, cap type, 1.4B is due to (1) packaging which sufficiently mitigates propagation of primers or (2) a smaller size of individual primers. A 1.4B classification is likely based on a bonfire witness screen dent greater than 4mm, and may involve the explosion of entire trays simultaneously but not all trays at once.

EX approvals can be searched on the Pipeline and Hazardous Materials Safety Administration (PHMSA) website on the [Hazardous Materials Approval Search page](#).

Citation: [49 CFR § 173.56](#)

SEGREGATION

Hazardous materials are subject to segregation requirements at the package, overpack (e.g., pallet) and conveyance (e.g., truck) levels. Some goods may be packaged together in the same package, but this is often restricted by packaging testing requirements and should usually be avoided for explosives.

- Some dangerous goods may be overpacked together.
- Some dangerous goods which can't be overpacked together can be transported together.
- Some dangerous goods may not be transported together.

Below is the Segregation of Hazardous Materials along with the compatibility Table for Class 1 Explosives.

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PRIMERS, CAP TYPE, 1.4S

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49 CFR 177.848 Segregation of Hazardous Materials

CLASS OR DIVISION	NOTES	1.1 1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3 GAS ZONE A	2.3 GAS ZONE B	3	4.1	4.2	4.3	5.1	5.2	6.1 LIQUID SPG 1 ZONE A	7	8 LIQUID S ONLY
EXPLOSIVES 1.1 & 1.2	Reference 49 CFR § 177.848(f) Compatibility Table for Class 1 (Explosive) Materials						⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
EXPLOSIVES 1.3							⊗		⊗	⊗	⊗		⊗	⊗	⊗	⊗	⊗		⊗
EXPLOSIVES 1.4							⊗		⊗	⊗	⊗		⊗				⊗		⊗
VERY INSENSITIVE EXPLOSIVES							⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
EXTREMELY INSENSITIVE																			
FLAMMABLE GASES 2.1		⊗	⊗	⊗	⊗				⊗	⊗							⊗	⊗	
NON-TOXIC, NON- FLAMMABLE GASES 2.2		⊗			⊗														
POISONOUS GAS ZONE A 2.3		⊗	⊗	⊗	⊗		⊗				⊗	⊗	⊗	⊗	⊗	⊗			⊗
POISONOUS GAS ZONE B 2.3		⊗	⊗	⊗	⊗		⊗				⊗	⊗	⊗	⊗	⊗	⊗			⊗
FLAMMABLE LIQUIDS 3		⊗	⊗	⊗	⊗				⊗	⊗						⊗	⊗		
FLAMMABLE SOLIDS 4.1		⊗			⊗				⊗	⊗							⊗		⊗
SPONTANEOUSLY COMBUSTIBLE 4.2		⊗	⊗	⊗	⊗				⊗	⊗							⊗		⊗
DANGEROUS WHEN WET MATERIALS 4.3		⊗	⊗		⊗				⊗	⊗							⊗		⊗
OXIDIZERS 5.1	A	⊗	⊗		⊗				⊗	⊗	⊗						⊗		⊗
ORGANIC PEROXIDES 5.2		⊗	⊗		⊗				⊗	⊗							⊗		⊗
POISONOUS LIQUIDS PG 1 ZONE A 6.1		⊗	⊗	⊗	⊗		⊗				⊗	⊗	⊗	⊗	⊗	⊗			⊗
RADIOACTIVE MATERIALS 7		⊗			⊗		⊗												
CORROSIVE LIQUIDS 8		⊗	⊗	⊗	⊗				⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗		⊗



The absence of any hazard class or division or a blank space in the table indicates that no restrictions apply.



Do **NOT** overpack dangerous goods together



Materials may **NOT** be loaded, transported, or stored together in the same transport vehicle or storage facility during the course of transportation.

49 CFR 177.848(f) Compatibility Table for Class 1 (Explosive) Materials

COMPATIBILITY GROUP	A	B	C	D	E	F	G	H	J	K	L	N	S
A		⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
B	⊗		⊗	4	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	4/5
C	⊗	⊗		2	2	⊗	6	⊗	⊗	⊗	⊗	3	4/5
D	⊗	4	2		⊗	⊗	⊗	⊗	⊗	⊗	⊗	3	4/5
E	⊗	⊗	2	⊗		⊗	⊗	⊗	⊗	⊗	⊗	3	4/5
F	⊗	⊗	⊗	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	4/5
G	⊗	⊗	6	⊗	⊗	⊗		⊗	⊗	⊗	⊗	⊗	4/5
H	⊗	⊗	⊗	⊗	⊗	⊗	⊗		⊗	⊗	⊗	⊗	4/5
J	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		⊗	⊗	⊗	4/5
K	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		⊗	⊗	4/5
L	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		⊗	⊗
N	⊗	⊗	3	3	3	⊗	⊗	⊗	⊗	⊗	⊗		1
S	⊗	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	



Materials may **NOT** be loaded, transported, or stored together in the same transport vehicle or storage facility during the course of transportation.

(1) A blank space in the table indicates that no restrictions apply.

(2) The letter "X" in the table indicates that explosives of different compatibility groups may not be carried on the same transport vehicle.

(3) The numbers in the table mean the following:

"1" means an explosive from compatibility group L shall only be carried on the same transport vehicle with an identical explosive.

"2" means any combination of explosives from compatibility groups C, D, or E is assigned to compatibility group E.

"3" means any combination of explosives from compatibility groups C, D, or E with those in compatibility group N is assigned to compatibility group D.

"4" means see § 177.835(g) when transporting detonators.

"5" means Division 1.4S fireworks may not be loaded on the same transport vehicle with Division 1.1 or 1.2 (explosive) materials.

"6" means explosive articles in compatibility group G, other than fireworks and those requiring special handling, may be loaded, transported and stored with other explosive articles of compatibility groups C, D and E, provided that explosive substances (such as those not contained in articles) are not carried in the same transport vehicle.

Citation: [49 CFR § 177.848 - Segregation and Separation Chart of Hazardous Materials](#)

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PRIMERS, CAP TYPE, 1.4S

Mode of Transportation: *US Domestic Road & Rail*

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Packages

Primers must not be comingled with other products within the same package.

Overpacks

When consolidating two or more packages into an overpack, whether a pallet or another packaging, the shipper must ensure that packing those materials together complies with the Segregation and Compatibility Tables listed above. These tables prevent overpacking many dangerous goods with Class 1 explosives.

Citation: [49 CFR § 177.848](#)

Stowage in the Same Motor Vehicle

Division 1.4S explosives may not be transported with Compatibility Groups A or L in the same freight container, trailer or straight truck. Incompatible materials may be shipped in different trailers pulled by one motor vehicle. Division 1.4 may be shipped in the same transport vehicle as other classes of hazardous materials, although sometimes it must be on a different pallet.

Citation: [49 CFR § 177.848\(d-g\)](#)

PACKAGING INFORMATION

Package primers as follows:

- Primers must be packed in accordance with the following packing instruction:

Packing instruction	Inner packagings	Intermediate packagings	Outer packagings
133	Receptacles, Trays	Intermediate packagings are only needed when trays are used as inner packagings	Boxes
PARTICULAR PACKING REQUIREMENTS OR EXCEPTIONS: 1. For UN 0043, 0212, 0225, 0268 and 0306 trays are not authorized as inner packagings	<i>Receptacles.</i> fiberboard metal plastics wood <i>Trays, fitted with dividing partitions.</i> fiberboard plastics wood	<i>Receptacles.</i> fiberboard metal plastics wood	<i>Boxes.</i> steel (4A) aluminum (4B) other metal (4N) wood, natural, ordinary (4C1) wood, natural, sift-proof walls (4C2) plywood (4D) reconstituted wood (4F) fiberboard (4G) plastics, solid (4H2)

- The package must be tested and certified not to leak under normal transport conditions.
- The maximum gross weight is limited to 400 kg (882 pounds) per package.
- Reference the specific EX approval for additional packing requirements, which may specify a certain packing method and may limit the package net weight.

Citation: [49 CFR § 173.62](#); [49 CFR 178 Subpart L](#); [49 CFR 178 Subpart M](#)

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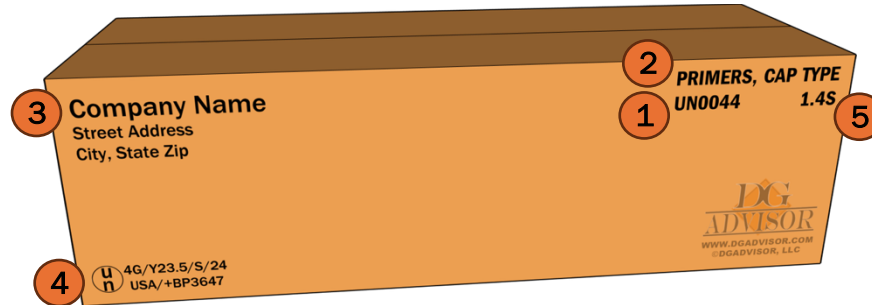
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PACKAGE LABELING & MARKING

Below is a summary of the hazard communication requirements for the package.

Typical Manufacturer Approach



Application of Labels & Marks

The following hazard label(s) and/or mark(s) are required for this package. Labels and marks can be pre-printed or affixed as stickers. Stickers must not wrap around an edge and must be affixed relatively straight.

1. UN Number

A UN number, or United Nations identification number, is a four-digit code that identifies dangerous goods for transportation.

2. Proper Shipping Name

A proper shipping name is a standardized name used to identify a dangerous good during transportation.

3. Consignor or consignee's name & address

Per [49 CFR §172.301\(d\)](#), the package must be marked with the consignor or consignee's name and address unless the package is:

1. Transported by highway only and will not be transferred from one carrier to the other;
2. Part of a carload lot, truckload lot or freight container load, and the entire contents of the rail car, truck or freight container are shipped from one consignor to one consignee.

4. A specification package must be used with the package test certification mark affixed

Class 1 Explosives must meet the Packing Group II package testing requirements of [49 CFR 178 Subpart M – Testing of Non-Bulk Packagings and Packages](#).

5. (Optional-For Vessel) 1.4S Mark

When people talk about a 1.4S sticker, they are referring to the orange diamond 1.4S hazard label. The 1.4S hazard label is not required for UN0044, per the Hazardous Materials Table. This 1.4S mark refers to a separate discussion on ocean shipping. Shippers may wish to prepare pre-printed packages that are compliant for a variety of scenarios. By pre-printing "1.4S" ("1.4S" stated on a sticker is also acceptable), shippers make their UN0044 packages compliant for vessel transport, if they choose that shipping mode. IMDG Code Amendment 42-24 § 5.2.1.1 ("For goods of division 1.4, compatibility group S, the division and compatibility group letter shall also be marked unless the label for 1.4S is displayed.")

6. (Optional) EX number(s) of the explosive(s)

Generally, each package containing a Class 1 material must be marked with the EX number or product code appearing on the EX approval. Alternatively, either the EX number or product code from the EX approval may be put on the shipping paper. If more than 5 different Class 1

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materials are packed in the same package, the package may be marked with only five of the EX numbers.

Citation: [49 CFR § 172.301\(d\)](#); [49 CFR § 172.320](#); [49 CFR § 172.400](#); [49 CFR § 172.411\(c\)](#); [49 CFR Part 178 Subpart M](#)

OVERPACKS

An overpack is an enclosure that is used by a single consignor to provide protection or convenience in handling of a package or to consolidate two or more packages. Overpacks do not include a transport vehicle, freight container, or aircraft unit load device. Examples of overpacks are one or more packages:

1. Placed or stacked onto a load board such as a pallet and secured by strapping, stretch wrapping, or other suitable means; or
2. Placed in a protective packaging such as a box or crate.

Packages in an overpack must be prepared such that they could be compliantly transported without the overpack, including any required marks and hazard or handling labels.

When preparing an overpack:

- Overpacks must not be marked with a package test certification unless they are tested.
- The overpack must be marked “OVERPACK” when a package test certification mark is required on a package inside the overpack (e.g., LQ has slightly different rules). This is not required if the hazard communication is visible at least once from the outside of the overpack.
- When the OVERPACK mark is required, also replicate the hazard communication on the overpack. EX numbers and package certification marks do not need to be replicated on overpacks.
- When required, the word OVERPACK shall be at least 12 mm (1/2”) high, preferably 1 inch tall.
- The border surrounding the word “OVERPACK” is optional. A piece of paper including the required overpack marks is often affixed to a pallet instead of an overpack sticker, and a border is not typically used for the word “OVERPACK.”

Example of the OVERPACK mark



Citation: [49 CFR § 178.8 “Overpack”](#); [49 CFR § 173.25](#)

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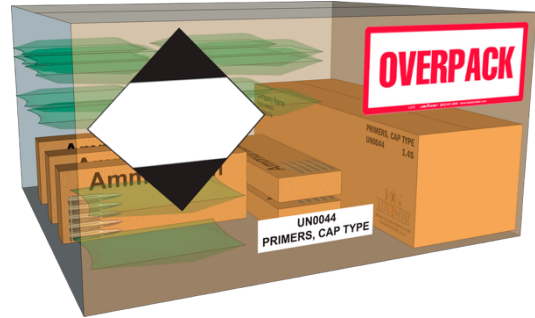
Overpack Examples



When overpacking one or more packages of primers into a protective outer packaging, apply the following:

Marks:

1. OVERPACK, and
2. UN number, and
3. Proper shipping name



When overpacking primers with Limited Quantity products into a protective outer packaging, apply the following:

Marks:

1. Limited Quantity mark, and
2. OVERPACK, and
3. UN number, and
4. Proper shipping name



When overpacking one or more packages onto a pallet, secure the packages with either strapping or stretch wrap.

If the marks or label can't be seen, e.g., when using black or other opaque stretch wrap, apply the following:

Marks:

1. OVERPACK, and
2. UN number, and
3. Proper shipping name

If transparent stretch wrap is used, and you can see the UN number and proper shipping name at least once through the stretch wrap, then no action is required.

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SHIPPING PAPER REQUIREMENTS

Each person who offers a hazardous material for transportation must describe the material on the shipping paper in the manner required under [49 CFR § Part 172; Subpart C – Shipping Papers](#). A standard Bill of Lading (BOL) may be augmented with the required hazmat information. No particular BOL format is required, but certain requirements apply:

- Shipping papers must be legible and in English.
- Do not use any code or abbreviations, unless authorized. Abbreviations may be used for packaging types (e.g., “bx” for boxes, “drm” for drums) and units of measurement (e.g., “lbs”), provided they are commonly accepted and recognizable.
- Shippers are required to retain a paper or electronic copy of the shipping paper for 2 years following the date of acceptance by the carrier and must be available to an authorized DOT official upon request.

Citation: [49 CFR § 172.200\(a\)](#); [49 CFR § 172.201](#)

Completing a Bill of Lading

The BOL sections that are highlighted below are required sections, however the sections may appear in different locations depending on the Bill of Lading form being used. All other non-highlighted fields are optional.

General Information

- Enter the **DATE**
- Enter the number of **PAGES**. If there are more materials being shipped than there is space for on the BOL, attach additional pages as necessary. The shipper must ensure the document reflects Page [X] of [Y] pages.
- Include an Emergency Response Telephone Number and the name of the service. Enter a contract number if the shipper's name is not on the shipping paper (e.g., when prepared by a third party).
- Include the Shipper's Certification ([49 CFR § 172.204\(a\)\(1\)](#)). Use this text exactly: “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.” A different version for international shipments is available (e.g., USA and Canada or Mexico).
- Must be legibly signed by a representative (e.g., employee) of the shipper, whether manually or pre-printed.

Company Name					STRAIGHT BILL OF LADING				
Address					SHORT FORM - Original - Not Negotiable				
City, State, Zip					DATE 1/1/26				
					PAGE 1 of 1				
The Property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in any or all of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to part (1035) which are hereby agreed to by the shipper and accepted for himself and his business.)									
SHIP FROM					BILL OF LADING NUMBER				
Company Name									
Address									
City, State, Zip									
SHIP TO					CARRIER NAME				
Company Name									
Address					TRAILER NO				
City, State, Zip									
SPECIAL INSTRUCTIONS					SEAL NUMBER (S)				
Enter any special instructions for this specific shipment here.									
NOTE: Liability limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B)									
HANDLING UNIT		PACKAGE		GROSS WEIGHT (LBS)	NET (LBS)	H.M. (X)	COMMODITY DESCRIPTION		LTL ONLY
QTY	TYPE	QTY	TYPE				Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation with ordinary care.	NMFC NUMBER	CLASS

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Placement of Dangerous Goods Information

Dangerous goods must be differentiated from non-dangerous goods on the shipping paper. There are three options; at least one must be followed:

1. Group all the dangerous goods together before the non-dangerous goods; or
2. Use a contrasting color for the dangerous goods; or
3. Include a column captioned "HM" and place an "X" in that column for each dangerous good.

NOTE: Liability limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B)

HANDLING UNIT		PACKAGE		GROSS WEIGHT (LBS)	NEM (LBS)	H.M. (X)	COMMODITY DESCRIPTION	LTL ONLY	
QTY	TYPE	QTY	TYPE				Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care.	NMFC NUMBER	CLASS
1	PALLET	36	BOXES	252	38	X	UN0014, Cartridges for tools, blank, 1.4S	(PER NMFC)	(PER NMFC)
		10	BOXES	70	8	X	UN0044, Primers, cap type, 1.4S	(PER NMFC)	(PER NMFC)
		2	BOXES	50			LTD QTY Cartridges, small arms	(PER NMFC)	(PER NMFC)

1 # Pallets @ 60 pounds each 60 PALLET WEIGHT 46 NET EXPLOSIVE MASS (lbs)
48 Total Pieces 372 GROSS WEIGHT
432 TOTAL GROSS

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED _____ PLACARDS SUPPLIED _____ SHIPPER SIGNATURE *Joe Shipper*
SHIPPER: Joe Shipper DATE 1/1/26
EMERGENCY RESPONSE TELEPHONE NUMBER: Chemtrec +1 (800) 424-9300
CARRIER SIGNATURE _____ DATE _____

Shipping Description

The following information must appear in order with no other information interspersed:

1. UN number, proper shipping name, hazard class or division, packing group.
 1. For example, UN0044, Primers, cap type, 1.4S. There is no packing group, and it is non-compliant to include one.
2. Information required before or after the Shipping Description:
 1. Quantity & Description of Dangerous Goods
 - The number and type of packages must be indicated. The type of packages must be indicated by description of the package (for example, "10 boxes").
 2. Weight
 - The total amount of hazardous materials covered by each description must be indicated with the applicable unit of measurement, for example, "70 pounds"
 - For Class 1 materials, the quantity must be the net explosive mass, but in the US only this may alternatively be the net weight of the explosives. Therefore, use the net weight. The gross weight of the shipment may be shown elsewhere on the shipping paper.

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PRIMERS, CAP TYPE, 1.4S

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Completed Bill of Lading

Company Name

Address

City, State, Zip

STRAIGHT BILL OF LADING

SHORT FORM - Original - Not Negotiable

DATE 1/1/26

PAGE 1 of 1

The Property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, it on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in any or all of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to part (1035) which are hereby agreed to by the shipper and accepted for himself and his assignee.

SHIP FROM

Company Name

Address

City, State, Zip

BILL OF LADING NUMBER

CARRIER NAME

TRAILER NO

SEAL NUMBER (S)

SHIP TO

Company Name

Address

City, State, Zip

SPECIAL INSTRUCTIONS

Enter any special instructions for this specific shipment here.

NOTE: Liability limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B)

HANDLING UNIT		PACKAGE		GROSS WEIGHT (LBS)	NEM (LBS)	H.M (X)	COMMODITY DESCRIPTION	LTL ONLY	
QTY	TYPE	QTY	TYPE				Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care.	NMFC NUMBER	CLASS
1	PALLET	36	BOXES	252	38	X	UN0014, Cartridges for tools, blank, 1.4S	[PER NMFC]	[PER NMFC]
		10	BOXES	70	8	X	UN0044, Primers, cap type, 1.4S	[PER NMFC]	[PER NMFC]
		2	BOXES	50			LTD QTY Cartridges, small arms	[PER NMFC]	[PER NMFC]

1	# Pallets @	60	pounds each	60	PALLET WEIGHT	46	NET EXPLOSIVE MASS (lbs)
		48	Total Pieces	372	GROSS WEIGHT		
				432	TOTAL GROSS		

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED PLACARDS SUPPLIED

SHIPPER SIGNATURE

SHIPPER: Joe Shipper

DATE 1/1/26

EMERGENCY RESPONSE TELEPHONE NUMBER: Chemtrec +1 (800) 424-9300

CARRIER SIGNATURE

DATE

Citation: [Appendix A to Part 1035 – Uniform Straight Bill of Lading](#); [49 CFR Part 172 – Subpart C Shipping Papers](#)

TRANSPORT DATA SHEET

PRIMERS, CAP TYPE, 1.4S

Mode of Transportation: *US Domestic Road & Rail*

This is not an official document. It may be used for quick reference but is not intended to guarantee regulatory compliance.

PLACARDS

The explosive 1.4 placard is not required for those Division 1.4 Compatibility Group S (1.4S) materials that are not required to be labeled 1.4S, regardless of the shipment quantities.

Citation: [49 CFR § 172 Subpart F – Placarding](#)