



Logiflex

Placarding and Company Policies and Procedures

The US Department of Transportation has strict rules and regulations for transporting hazardous materials. The use of hazmat placards is required by law, and failure to comply could result in heavy fines and other penalties. It is every driver responsibility to ensure that proper placards are provided and used. While using them may seem like an inconvenience, the laws are in place to ensure public safety and make it easier for emergency crews to respond to accidents.

Hazmat placards do an important job, they alert us to potentially dangerous materials being hauled in transport vehicles. DOT placards let the public know when they are within the vicinity of Dangerous Goods. While members of the public aren't always aware of the hazmat meaning of a particular placard, the mere sight of these placards informs most people that potentially hazardous substances are close by.

These placards are also vital to first responders. No matter how many precautions are taken, accidents can and sometimes do happen. When hazardous materials are present, emergency personnel need to know what they are dealing with. Hazmat placards deliver important information that allows first responders to determine how to best approach a situation.

Hazmat placards are required by law. Every hazmat employee is responsible for making sure DOT hazmat placards are used in accordance with all laws and applications.

Every employee is responsible for maintaining a safe environment for all people, working in a safe manner in accordance with the DOT Regulations and the Company Policies and Procedures.

The safety of all personal, our customers, and the public is the highest priority of our company.

Logiflex has developed policies and procedures for placarding of hazmat loads.

It is the policy of Logiflex to haul only the following hazardous materials:

Class 2.1 No Bulk

Class 2.2 No Bulk,

Class 2.3 zone B, C and D

Class 3

Class 4.1

Class 4.2

Class 4.3

Class 5.1

Class 5.2

Class 6.1 zone B and C

Class 8

Class 9

Each driver hauling a hazmat load is required to ensure:

- Once loaded, the load is properly secured with straps and/or load bars **BEFORE** leaving the shipper. Always take a picture showing that the load is properly secured and send it to your Dispatcher.
- All hazmat loads must be padlocked.
- Seal is properly placed and noted on the BOL.
- Placards are properly positioned on all four sides of the trailer and the paperwork includes emergency handling information.

General Placarding Requirements:

The type of the required placard is determined by the hazard Class or Division of the material being transported. To determine the correct type of placard all hazmat employees must check with Table 1 and Table 2 form Title 49 CFR 172.504(e).

- All hazardous materials transported **in bulk require placarding**, except Class 9 for domestic transportation.
- Placarding of hazardous materials transported in **non-bulk depends upon the Placarding Table the material appears on or quantity being transported.**

Any amount of Table 1 hazmat in non-bulk packaging requires placarding (Title 49 CFR 172.504)

TABLE 1

Category of material (Hazard class or division number and additional description, as appropriate)	Placard name	Placard design section reference (§)
1.1	EXPLOSIVES 1.1	172.522
1.2	EXPLOSIVES 1.2	172.522
1.3	EXPLOSIVES 1.3	172.522
2.3	POISON GAS	172.540
4.3	DANGEROUS WHEN WET	172.548
5.2 (Organic peroxide, Type B, liquid <i>or</i> solid, temperature controlled)	ORGANIC PEROXIDE	172.552
6.1 (material poisonous by inhalation (see §171.8 of this subchapter))	POISON INHALATION HAZARD	172.555
7 (Radioactive Yellow III label only)	RADIOACTIVE ¹	172.556

Placarding is required for quantities greater or equal to 1001 pounds (454kg) of Table 2 materials when transported in non-bulk packaging (Title 49 CFR 172.504):

TABLE 2

Category of material (Hazard class or division number and additional description, as appropriate)	Placard name	Placard design section reference (§)
1.4	EXPLOSIVES 1.4	172.523
1.5	EXPLOSIVES 1.5	172.524
1.6	EXPLOSIVES 1.6	172.525
2.1	FLAMMABLE GAS	172.532
2.2	NON-FLAMMABLE GAS	172.528
3	FLAMMABLE	172.542
Combustible liquid	COMBUSTIBLE	172.544
4.1	FLAMMABLE SOLID	172.546
4.2	SPONTANEOUSLY COMBUSTIBLE	172.547
5.1	OXIDIZER	172.550
5.2 (Other than organic peroxide, Type B, liquid or solid, temperature controlled)	ORGANIC PEROXIDE	172.552
6.1 (other than material poisonous by inhalation)	POISON	172.554
6.2	(None)	
8	CORROSIVE	172.558
9	Class 9 (see §172.504(f)(9))	172.560
ORM-D	(None)	

If two or more hazardous materials from Table 2 are shipped together you can either:

- Display each required placard
- Or substitute the placard for a “dangerous” placard.

The “dangerous” placard however may not be used to represent a single hazard class loaded at one facility that makes up greater than 1000 kg (2205 pounds) of the mixed shipment, the specific placard of that class must also be displayed.

Exceptions for less than 454 kg (1001 pounds). Except for bulk packagings and subsidiary hazardous materials, when hazardous materials covered by Table 2 of this section are transported by highway, placards are not required on:

- A transport vehicle which contains less than 454 kg (1001 pounds) aggregate gross weight of hazardous materials covered by table 2 or
- Non-bulk packaging that contains only residue of a hazardous material covered by Table 2.

Class 9 non-bulk packaging does not require placard.

Placarding for subsidiary Hazard (Title 49 CFR 172.505):

- Each transport vehicle, that contains a poisonous material subject to the “Poison Inhalation Hazard” shipping description, must be placarded with a **POISON INHALATION HAZARD** or **POISON GAS** placard, as appropriate, on each side and each end, in addition to any other placard required for that material in §172.504. Duplication of the **POISON INHALATION HAZARD** or **POISON GAS** placard is not required.
- Each transport vehicle, that contains a material which has a subsidiary hazard of being **DANGEROUS WHEN WET**, shall be placarded with **DANGEROUS WHEN WET** placards, on each side and each end, in addition to the placards required by §172.504.

No motor carrier may transport a hazardous material in a motor vehicle, unless the placards required for the hazardous material are affixed thereto as required.

Visibility and display of placards (Title 49 CFR 172.516):

- Each placard on a motor vehicle and each placard on a rail car **must be clearly visible from the direction it faces**, except from the direction of another transport vehicle or rail car to which the motor vehicle or rail car is coupled. This requirement may be met by the placards displayed on the freight containers or portable tanks loaded on a motor vehicle or rail car.
- The required placarding of the front of a motor vehicle may be on the front of a truck-tractor instead of or in addition to the placarding on the front of the cargo body to which a truck-tractor is attached.
- **Each placard** on a transport vehicle, bulk packaging, freight container or aircraft unit load device **must:**
 - **Be securely attached or affixed** thereto or placed in a holder thereon.
 - **Be located clear of appurtenances and devices such as ladders, pipes, doors, and tarpaulins.**

- **So far as practicable, be located so that dirt or water is not directed to it from the wheels of the transport vehicle.**
- **Be located away from any marking (such as advertising) that could substantially reduce its effectiveness, and in any case at least 3 inches (76.0 mm.) away from such marking.**
- **Have the words or identification number (when authorized) printed on it displayed horizontally, reading from left to right.**
- **Be maintained by the carrier in a condition so that the format, legibility, color, and visibility of the placard will not be substantially reduced due to damage, deterioration, or obscurement by dirt or other matter.**
- Recommended specifications for a placard holder are set forth in appendix C of this part. Except for a placard holder similar to that contained in appendix C to this part, the means used to attach a placard may not obscure any part of its surface other than the borders.
- A placard or placard holder may be hinged provided the required format, color, and legibility of the placard are maintained.
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Logiflex requires all hazmat drivers to comply with the following placarding procedures when hauling hazmat loads:

- Place all the placard on all four sides of the trailer, reading horizontally.
- Apply placard protectors on the top of the placards.
- Take pictures showing placed placards on each side of the trailer (4 pictures in total).
- Take picture of the BOL.
- Take picture of the seal.
- Take picture showing the secured load.
- Send all pictures to the main phone 847 789 7132, annotate **FOR Safety**
- Wait for the Safety Department to review the pictures provided and to confirm that you have the correct placards for the hauled hazmat materials, and that those meet the DOT requirements. Upon review Safety Department will give a green light to proceed with the load.

Logiflex has implemented Safety Incentive Program for hazmat drivers who are complying 100 % with the placarding procedures and provides the required information for every single hazmat load.

Each hazmat driver that meets the requirements and complies with the Placarding Procedures will get additional one cent per mile on a monthly period, starting on the 15th of each month for the miles while hazmat has been hauled.

Should you have any questions or concerns please contact the Safety Department.

Employee Signature:

Date: