

# Placards, Labels, and Markings



INTERSTATE COMMERCE COMMISSION

REGULATIONS

FOR THE

Transportation of Explosives and Other Dangerous Articles by Freight

PRESCRIBED UNDER THE ACT OF MARCH 4, 1909, AND SECTION 15 OF THE ACT TO REGULATE COMMERCE, AS AMENDED JUNE 18, 1910

REVISED JULY 15, 1918

EFFECTIVE AS NOTED HEREIN

PARAGRAPHS ARE NUMBERED TO CORRESPOND TO THE RULES AND REGULATIONS OF THE AMERICAN RAILWAY ASSOCIATION

INCLUDING

THE AMERICAN RAILWAY ASSOCIATION RULES

APPROVED: W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

PUBLISHED BY THE BUREAU OF EXPLOSIVES 30 VESEY STREET NEW YORK

SEPTEMBER, 1918

**2000 EMERGENCY RESPONSE GUIDEBOOK**



**A GUIDEBOOK FOR FIRST RESPONDERS DURING THE INITIAL PHASE OF A DANGEROUS GOODS/HAZARDOUS MATERIALS INCIDENT**

HAZARDOUS MATERIALS MA

For Regulated Medical Waste (RMW), an Infectious Substance label is not required on 100 mL or less of the OSHA biohazard marking is used as prescribed in 29 CFR 1910.101, 1910.102, 1910.103, 1910.104, 1910.105, 1910.106, 1910.107, 1910.108, 1910.109, and 1910.110. A bulk package of RMW must display a BIOHAZARD marking.

§172.323, §172.409(d), §172.429, §172.430, §172.432, §172.436, §172.438, §172.440, §172.441



**1984 EMERGENCY RESPONSE GUIDEBOOK**

GUIDEBOOK FOR HAZARDOUS MATERIALS INCIDENTS

READ INSTRUCTIONS ON FIRST PAGE

DOT P-3890.3

Radioactive CLASS 8 Corrosive CLASS 9 Miscellaneous Subsidiary Risk Cargo Aircraft

§172.419, §172.420, §172.422, §172.423, §172.426, §172.427

Organic Peroxide, Transition-2011



HM 181 HAZARDOUS MATERIALS PLACARDING CHART

CLASS 1	CLASS 1	CLASS 1	CLASS 2
1.4 EXPLOSIVE	1.5 HIGH EXPLOSIVES	1.6 EXPLOSIVE	OXYGEN
CLASS 2	CLASS 2	CLASS 3	CLASS 3
CLASS 2	POISON GAS	FLAMMABLE	GASOLINE
CLASS 3	CLASS 4	CLASS 4	CLASS 4
FUEL OIL	FLAMMABLE	FLAMMABLE	FLAMMABLE
CLASS 5	CLASS 6	CLASS 6	CLASS 7
ORGANIC PEROXIDE		POISON	RADIOACTIVE
CLASS 8		DANGEROUS	SUBSIDIARY RISK PLACARD
			CORROSIVE
		1993	1075
			1090

AND

APPENDIX 12 to G-400

Instructions for the Government of Freight Agents

PART I

Cancels General Notice No. 226-B and Supplements

REGULATIONS

FOR THE

TRANSPORTATION OF EXPLOSIVES

AND

OTHER DANGEROUS ARTICLES

APPLYING TO RAIL FREIGHT SERVICE

EFFECTIVE DECEMBER 15, 1951

AGENT'S INDEX No. 508

1903

The American Railway Association

**RULES**

AND THE

Interstate Commerce Commission

**REGULATIONS**

FOR THE

**TRANSPORTATION OF EXPLOSIVES**

The American Railway Association

**REGULATIONS**

FOR THE

**TRANSPORTATION OF INFLAMMABLE**

**ARTICLES AND ACIDS**

SEPTEMBER, 1908

1908

# EXPLOSIVES

(To be printed in red.)

HANDLE CAREFULLY

## KEEP FIRE AWAY

(To be printed in red.)

Station 190

**CONDENSED RULES FOR HANDLING THIS CAR.**

1. This car must not be placed in a passenger train; nor in a mixed train if avoidable.
2. Cars containing explosives must be near center of train and may be together if desired; must be at least fifteen cars from engine and ten cars from caboose when length of train will permit.
3. Cars containing explosives must be placed between box cars which are not loaded with inflammable articles, charcoal, cotton, acid, lumber, iron, pipe, or other articles liable to break through end of car from rough handling.
4. A steel underframe car containing explosives may be placed between steel hopper cars in train.
5. The air and handbrakes on this car must be in service.
6. In shifting, have a car between this car and engine whenever possible, and do not cut this car off while in motion.
7. Avoid all shocks to this car and couple carefully.
8. Avoid placing it near a possible source of fire.
9. Engines on parallel track must not be allowed to stand opposite or near this car, when it can be avoided.

**\* Agents at Destination and Transfer Stations, Yardmasters and Conductors are responsible that these cards are removed from car as soon as the explosives are unloaded.**

\* A. R. A. Rules 1845, 1851 and 1871; footnote to Regulation 1695, and A. R. A. Standard Placard.

..... R.R. Co.

# ACID

## HANDLE CAREFULLY

When Packages protected by White Diamond Labels are unloaded, REMOVE THIS PLACARD

..... Station

..... 190

..... R.R. Co.

# INFLAMMABLE

(To be Printed in Red)

## KEEP LIGHTS AND FIRES AWAY

(Black) (Red) (Black) (Red) (Black)

### HANDLE CAREFULLY

(Black)

..... Station 190

1. This car, if a tank car, must be not less than 5 cars from engine and 5 from caboose; or near center of train.
2. This car must not be next to car containing explosives or charcoal or cotton.
3. Yardmasters and employes must note position of this car in yard and be prepared to isolate it quickly in case of fire.
4. Test brakes before cutting loose and let preceding car clear ladder track, incline or hump. Hold next car until this one clears.
5. Watch this and adjacent cars for hot boxes.
6. Sweep up and remove carefully the contents of broken packages protected by diamond yellow labels.
7. For leaking liquid with strong odor, remove damaged package, if practicable; place car on isolated siding, if necessary, and wire Superintendent.
8. When inflammable packages are all unloaded Agents, Yardmasters and Conductors must remove placards.

Form 100

MAINE CENTRAL RAILROAD CO.

# INFLAMMABLE

KEEP LIGHTS AND FIRES AWAY  
HANDLE CAREFULLY

STATION \_\_\_\_\_

1. This car must not be next to a car containing Explosives.
2. Do not enter with exposed flame, nor with lighted lantern, until car has been ventilated and vapors allowed to escape.
3. When loading requiring this placard is unloaded from box or stock cars, Agents, Yardmasters and Conductors must remove the placards. Tank cars must retain placards until cleaned.

(Per 1911)



# Dome Warning Added

INTERSTATE COMMERCE COMMISSION  
REGULATIONS  
FOR THE  
Transportation of Explosives and Other  
Dangerous Articles by Freight

PRESCRIBED UNDER THE ACT OF MARCH 4, 1909, AND SECTION 16  
OF THE ACT TO REGULATE COMMERCE, AS  
AMENDED JUNE 18, 1910

REVISED JULY 15, 1918  
EFFECTIVE AS NOTED HEREIN

PARAGRAPHS ARE NUMBERED TO CORRESPOND TO THE RULES  
AND REGULATIONS OF THE AMERICAN  
RAILWAY ASSOCIATION

INCLUDING  
THE AMERICAN RAILWAY ASSOCIATION  
RULES

APPROVED: W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

PUBLISHED BY  
THE BUREAU OF EXPLOSIVES  
30 VESSEY STREET

SEPTEMBER, 1918

10 Inches

**CAUTION**  
AVOID ACCIDENTS  
**Do Not Remove This Dome Cover  
While Gas Pressure Exists in Tank.**  
KEEP LIGHTED LANTERNS AWAY

4 Inches

Company

# EXPLOSIVES

(TO BE PRINTED IN RED)

## HANDLE CAREFULLY

# KEEP FIRE AWAY

(TO BE PRINTED IN RED)

STATION \_\_\_\_\_ TO \_\_\_\_\_

CONDENSED RULES FOR HANDLING THIS CAR

1. This car must not be placed in a passenger train, nor in a mixed train if available.
2. Cars containing explosives must be near center of train and may be together if desired, must be at least 15 cars from engine and 10 cars from caboose when length of train will permit.
3. This car must not be placed next to cars bearing the inflammable or the acid placard or cars containing lighted heaters. Whenever it is possible to avoid so doing it must not be placed next to tank cars or flat cars or next to carloads of lumber, poles, iron, pipe, or other articles liable to break through end of car from rough handling.
4. The air and hand brakes on this car must be in service.
5. In shifting have a car between this car and engine whenever possible, and do not cut this car off while in motion.
6. Avoid all shocks to this car and couple carefully.
7. Avoid placing it near a possible source of fire.
8. Engines on parallel track must not be allowed to stand opposite or near this car when it can be avoided.
9. This placard must be removed from car when the explosives are unloaded.

R.R. Co.

# ACID

## HANDLE CAREFULLY

When Packages protected by White Diamond Labels  
are unloaded, REMOVE THIS PLACARD

Station \_\_\_\_\_

19 \_\_\_\_\_

ACID PLACARD

R. R. CO.

# INFLAMMABLE

(To be printed in Red)

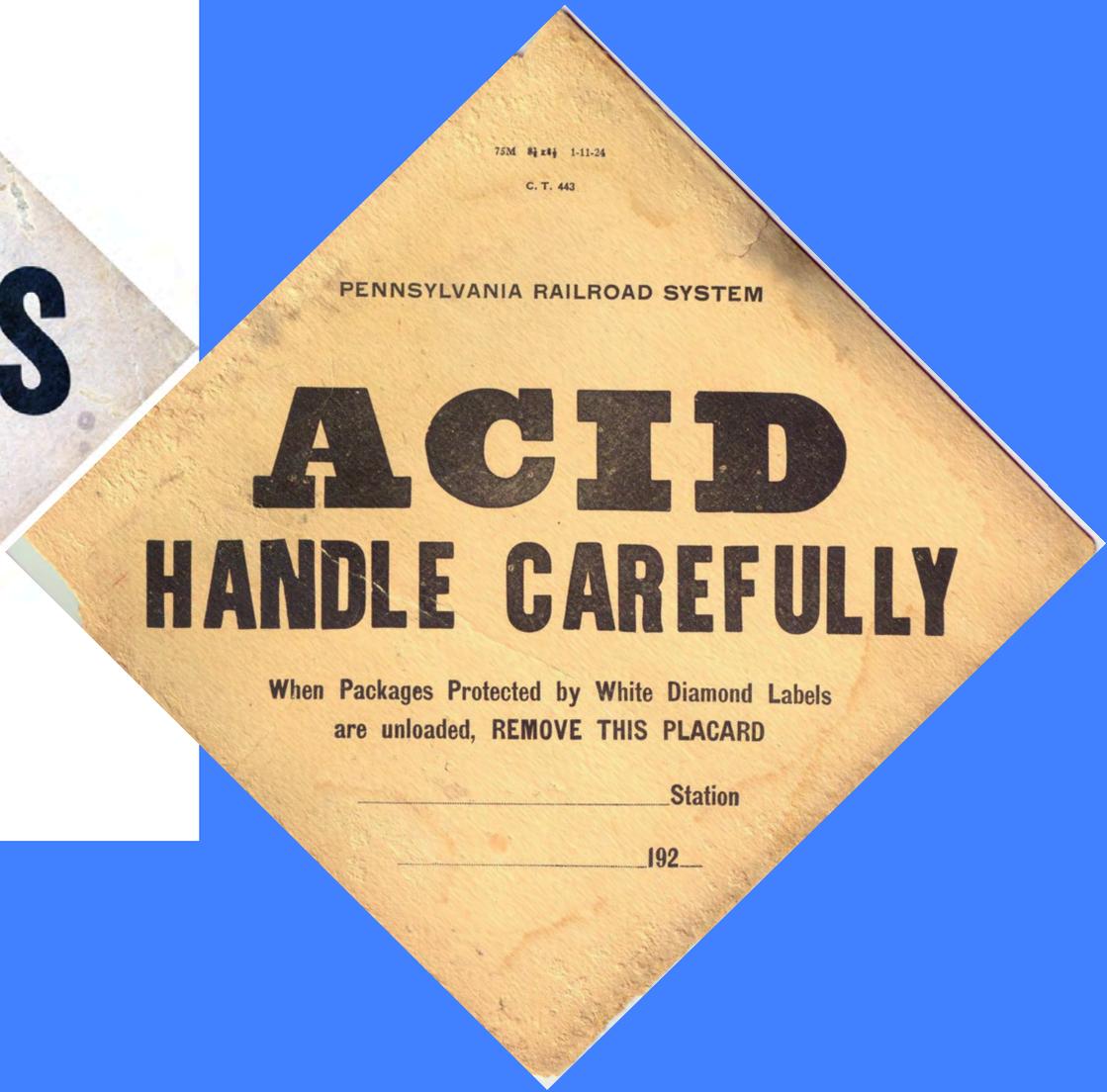
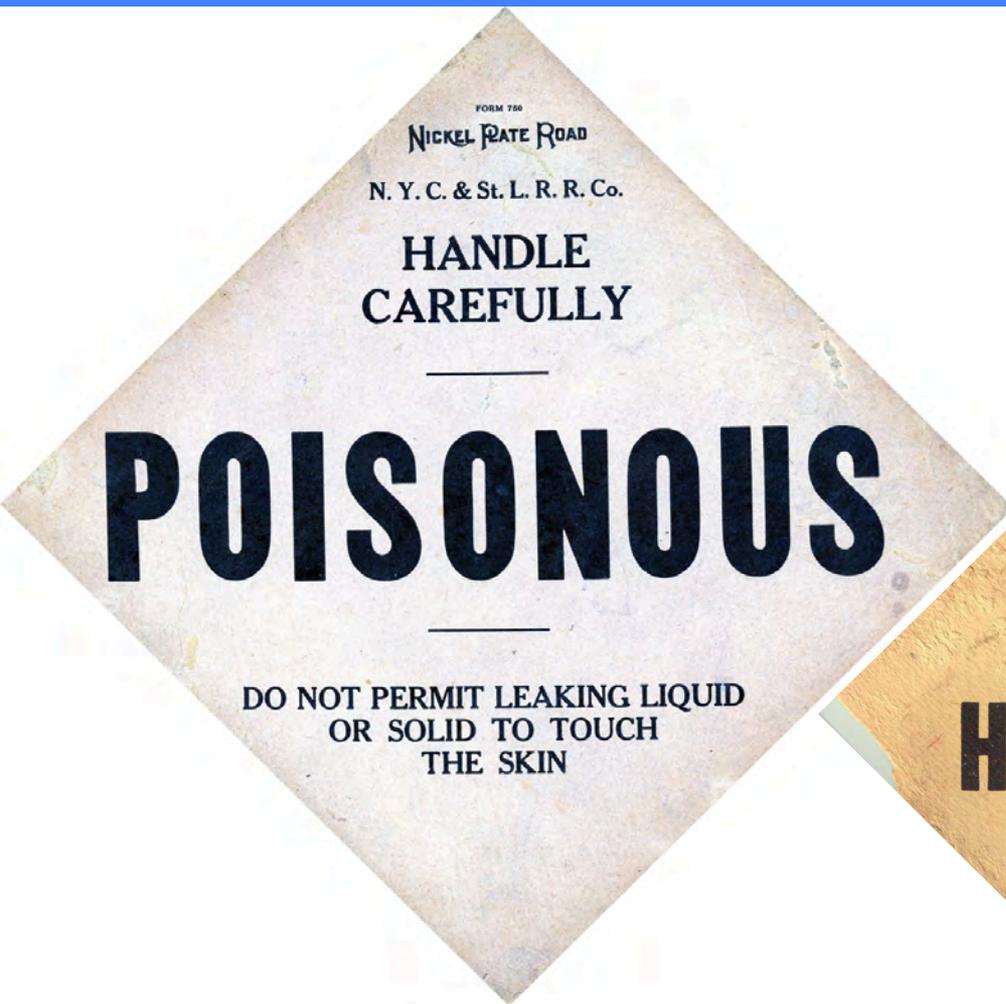
## KEEP LIGHTS AND FIRES AWAY HANDLE CAREFULLY

STATION \_\_\_\_\_ 191 \_\_\_\_\_

- 1—This car must not be next to a car containing Explosives.
- 2—Do not enter with exposed flame, nor with lighted lantern, until car has been ventilated and vapors allowed to escape.
- 3—When loading requiring this placard is unloaded from box or stock cars, THE PLACARDS MUST BE REMOVED. Tank cars must retain placards until cleaned.

JAN. 1909

1918



1920

BUREAU OF EXPLOSIVES  
PAMPHLET NO. 4

SECTION 4 OF THE  
INTERSTATE COMMERCE COMMISSION  
REGULATIONS

APPLYING MORE PARTICULARLY TO THE  
CARRIERS OF  
EXPLOSIVES AND OTHER DANGEROUS ARTICLES  
BY FREIGHT

PRESCRIBED UNDER THE ACT OF MARCH 4, 1921  
BINDING UPON ALL COMMON CARRIERS ENGAGED IN INTERSTATE  
OR FOREIGN COMMERCE, BY LAND

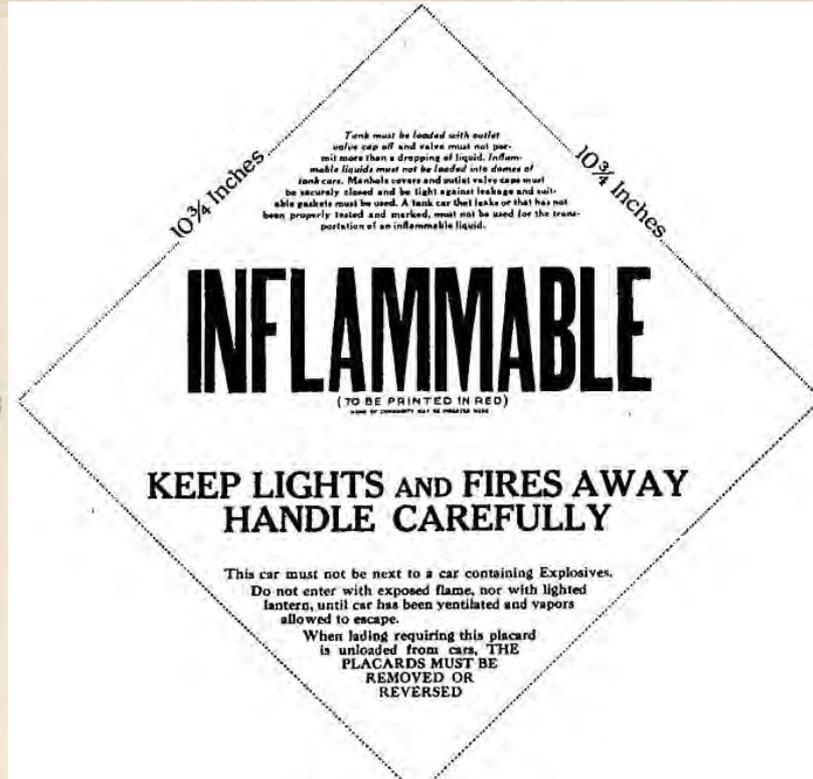
EFFECTIVE OCTOBER 1, 1930

SUPERSEDING REGULATIONS REVISED JANUARY 1, 1923  
AND ALL AMENDMENTS THERE TO

PUBLISHED BY  
THE BUREAU OF EXPLOSIVES  
30 VESBY STREET NEW YORK  
SEPTEMBER, 1930

**ACID**  
replaced by  
**Corrosive**  
**Liquid**

1930



14 1/4 Inches

10 Inches

**CAUTION**

This Car Contains

**POISON GAS**

Beware of Fumes from Leaking Packages.

POISON GAS PLACARD  
(Reduced size)

10 3/4 Inches

10 3/4 Inches

KEEP LIGHTS & FIRES AWAY  
THIS CAR CONTAINS  
**INFLAMMABLE**  
or **POISONOUS VAPOR**  
or **CORROSIVE RESIDUE**  
**DANGEROUS**  
DO NOT INHALE VAPOR DO NOT ALLOW LIQUID OR SOLID RESIDUE TO TOUCH SKIN

**EMPTY**

Securely replace manhole cover with a bar, and the bottom outlet cap with a wrench having a handle of least 48 in. long.  
**DO NOT ENTER TANK**  
until it has been cleaned in accordance with the shipping instructions. **DO NOT** retard in transit with any substance by other than that shown on weight or rating card.

10 3/4 Inches

10 3/4 Inches

HANDLE CAREFULLY

**POISONOUS**

Do Not Permit Leaking Liquid or Solid to Touch the Skin

WHEN LADING IS REMOVED THIS PLACARD MUST BE REMOVED

POISONOUS PLACARD

New Hazards added

10 3/4 Inches

10 3/4 Inches

**COMPRESSED GAS**

NAME OF COMMODITY MAY BE INSERTED HERE

DO NOT INHALE VAPOR  
HANDLE CAR CAREFULLY

WHEN LADING IS REMOVED THIS PLACARD MUST BE REMOVED

COMPRESSED GAS PLACARD

# DANGER

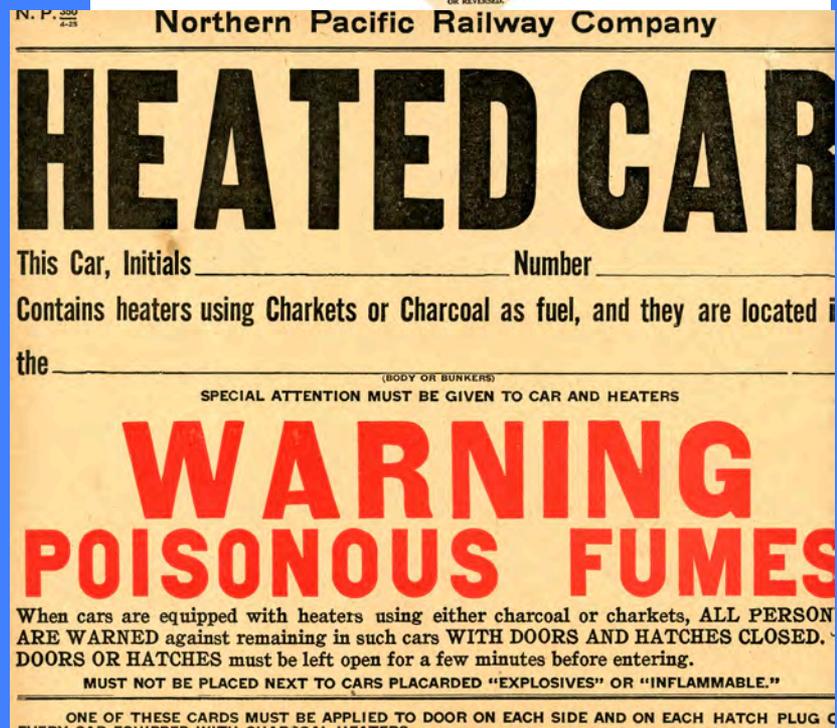
The lading of this car has been

## FUMIGATED or TREATED

with

(Name of poisonous liquid, solid, or gas)

**BEFORE UNLOADING**, open both doors and **DO NOT ENTER** until car is free of gas. **REMOVE ALL POISONOUS MATERIAL** before release of empty car.



# THE PENNSYLVANIA RAILROAD

GENERAL NOTICE No. 225-B

General Notice No. 225-A  
and Supplements

## REGULATIONS

FOR THE

# TRANSPORTATION OF EXPLOSIVES

AND

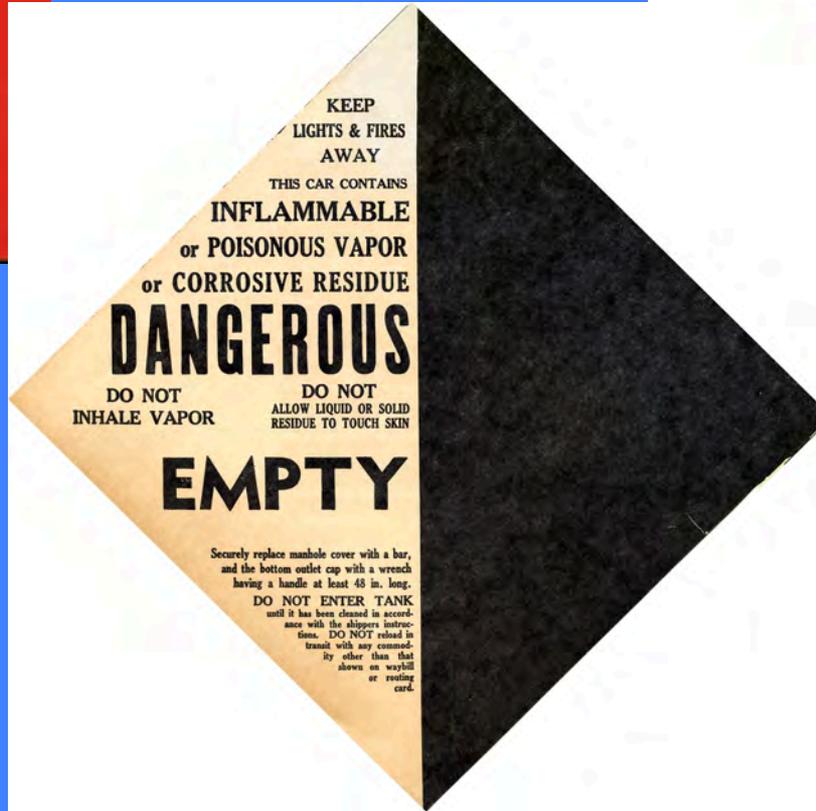
## OTHER DANGEROUS ARTICLES

EFFECTIVE JANUARY 1, 1941

AGENT'S INDEX No. 528

# 1940's The War Years

# Military Cargos EXEMPT



THE PENNSYLVANIA RAILROAD

GENERAL NOTICE No. 225-C

AND

APPENDIX 12 to G-400

Instructions for the Government of  
Freight Agents

PART I

Cancels General Notice No. 225-B  
and Supplements

REGULATIONS

FOR THE

TRANSPORTATION OF EXPLOSIVES

AND

OTHER DANGEROUS ARTICLES

APPLYING TO RAIL FREIGHT SERVICE

EFFECTIVE DECEMBER 15, 1951

AGENT'S INDEX No. 528

new hazards  
**RADIOACTIVE**  
and  
**RESIDUE**

1950

10 INCHES

**DANGER**

This car has been  
**FUMIGATED**  
with

(Name of poisonous liquid or gas)

**BEFORE UNLOADING**, open both doors and **DO NOT ENTER** until car is free of gas

8 INCHES

Form 45-C Standard  
SANTA FE

Do Not  
Remain in or  
Near This Car or  
Motor Vehicle Unnecessarily

Notify Shipper or Bureau of Explosives  
if necessary to transfer lading enroute

**DANGEROUS  
RADIOACTIVE MATERIAL**

This car must not be next to a car containing  
explosives

Avoid contact with leaking contents

WHEN LADING IS REMOVED  
THIS PLACARD MUST  
BE REMOVED  
MAY 1 OF 1949

10 1/2 inches

**CAUTION**

This car contains residual  
phosphorus and must be kept

**FILLED  
WITH**

(Insert water or inert gas)

When car is reloaded  
with phosphorus this  
placard must be  
removed

10 1/2 inches

THE PENNSYLVANIA RAILROAD

GENERAL NOTICE No. 225-E

AND

APPENDIX 12 to G-400

Instructions for the Government of  
Freight Agents

Consists General Notice No. 225-D and Supplements

REGULATIONS

for the  
TRANSPORTATION OF EXPLOSIVES and  
OTHER DANGEROUS ARTICLES

applying to rail freight service

EFFECTIVE OCTOBER 1, 1961

AGENTS' INDEX No. 208

1960

17 inches

DO NOT REMAIN ON OR NEAR THIS  
CAR UNNECESSARILY

Lading must not be transferred en route under any conditions  
before shipper and Bureau of Explosives are notified.

**FLAMMABLE  
POISON GAS**

---

Name of Contents

This car must not be next to a car placarded  
"Explosives"

Beware of liquid and of gas leaking from tank or fittings

**WHEN LADING IS REMOVED  
THIS PLACARD MUST  
BE REVERSED**

13 inches

**FLAMMABLE  
POISON GAS**

17 Inches

DO NOT REMAIN ON OR NEAR THIS  
CAR UNNECESSARILY

Lading must not be transferred en route under any conditions  
before shipper and Bureau of Explosives are notified.

**POISON GAS**

---

Name of Content

This car must not be next to a car placarded  
"Explosives"

Beware of liquid and of gas leaking from tank or fittings

**WHEN LADING IS REMOVED  
THIS PLACARD MUST  
BE REVERSED**

13 Inches

**KEEP  
LIGHTS  
AND  
FIRES AWAY!**

**DANGEROUS**

(To be printed in red)  
Name of contents of carload shipments must be inserted here or on commodity card

**HANDLE CAREFULLY**

This car must not be next to a car  
placarded Explosives

Avoid contact with leaking acid or  
corrosive liquid

Beware of fumes or  
vapors!

**WHEN LADING IS REMOVED  
THIS PLACARD MUST  
BE REMOVED  
OR REVERSED.**

10 1/2 inches

10 1/2 inches

17 inches

KEEP LIGHTS AND FIRES AWAY

THIS CAR CONTAINS  
FLAMMABLE POISON GAS  
OR RESIDUE

**DANGEROUS**

DO NOT DO NOT  
INHALE GAS ALLOW LIQUID OR  
SOLID RESIDUE TO  
TOUCH SKIN

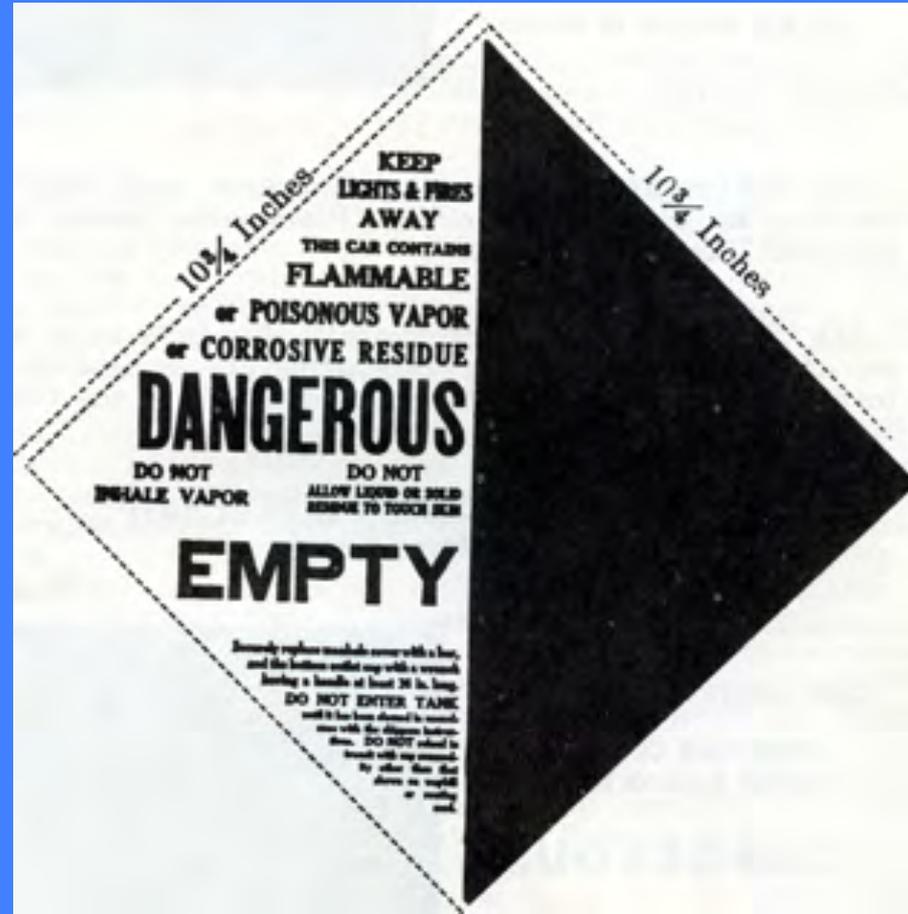
**EMPTY**

KEEP MANWAY BONNET COVER SE-  
CURELY CLOSED. DO NOT ENTER  
TANK UNTIL IT HAS BEEN CLEANED  
IN ACCORDANCE WITH THE  
SHIPPER'S INSTRUCTIONS

DO NOT RELOAD IN TRANSIT

18 inches

1960



# 1976 New Placard Regulations

EMERGENCY HANDLING  
OF  
HAZARDOUS MATERIALS  
IN SURFACE TRANSPORTATION



BUREAU OF EXPLOSIVES  
Association of American Railroads  
1920 L Street, Washington, D.C. 20036  
(202-293-4048)

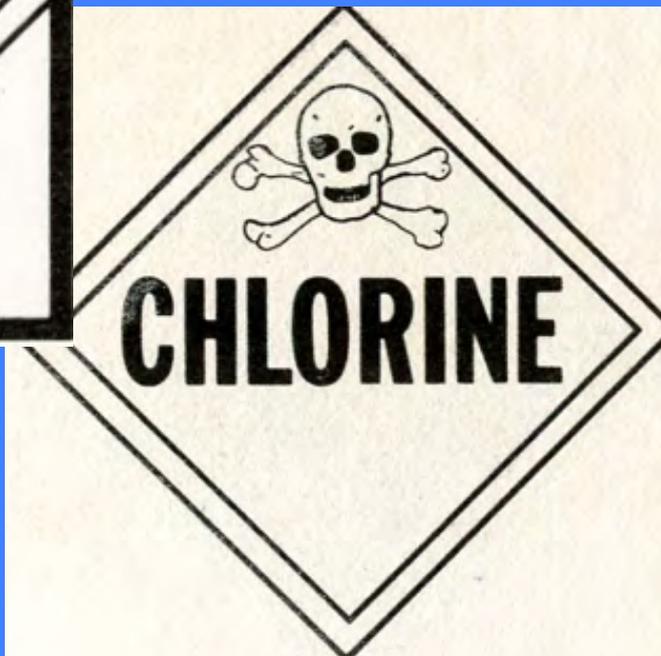
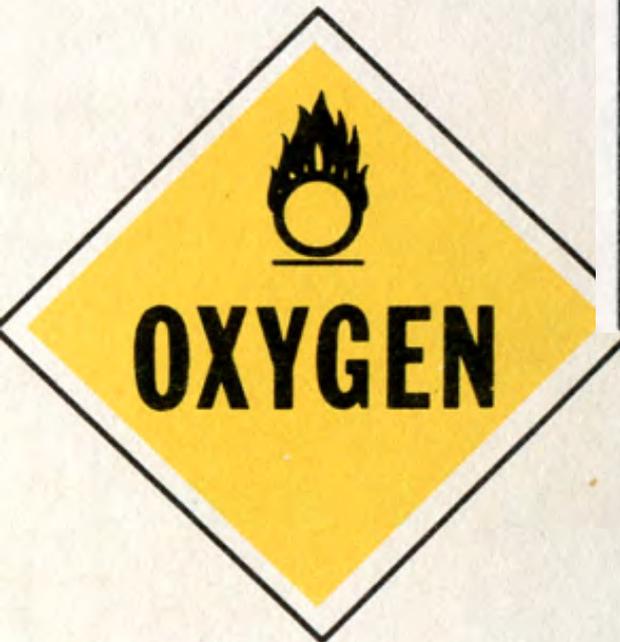
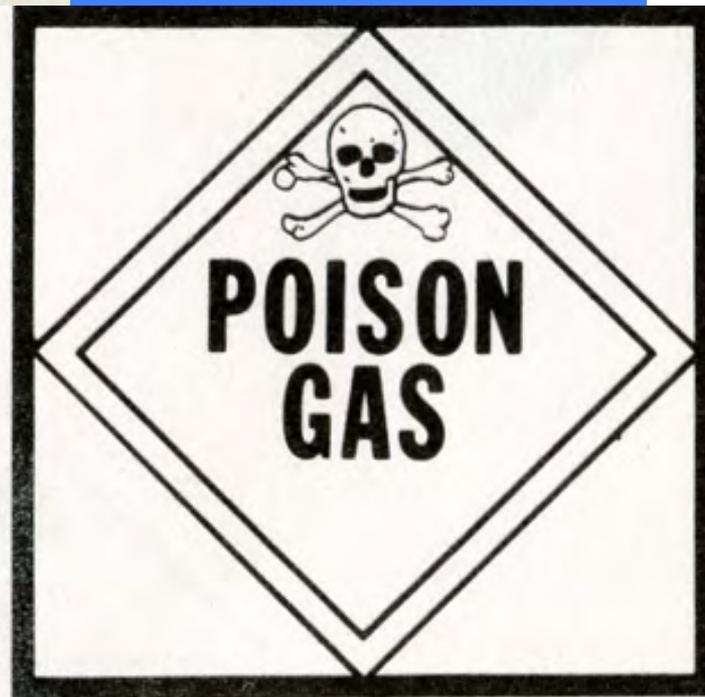


# Class 1 Explosives



Some commodities  
require a white  
background behind  
the placard

# Class 2 Compressed Gases





**Class 2  
Flammable  
Or  
Combustible  
Liquids**



**Class 4  
Flammable Solid**



**Class 5  
Oxidizers**



**Class 6  
Poison**



**Class 7  
Radioactive**



**Class 8  
Corrosive**



**Class 6  
Dangerous**



**PLACARDS** 10¼"x10¼" for Highway, Rail, Container, Portable Tank



PL-10  
PSR-10  
RV-10

Placard any quantity Explosive A



L-1  
Label



15¼" Rail  
1S10



PL-11  
PSR-11  
RV-11

Placard any quantity Explosives B.  
Use Explosive A placard when mixed.



L-2  
Label



PL-4  
PSR-4  
RV-4



L-13  
Label



2S-4 Rail  
Two-sided for  
Tank Cars



PL-9  
PSR-9  
RV-9

Placard required only when transporting in a  
packaging rated at more than 110 gallons.



PL-2  
PSR-2  
RV-2



2S-2 Rail  
Two-sided for  
Tank Cars



L-6  
Label



L-5  
Label



L-3  
Label

Placard 1000 pounds or more flammable liquid, flammable solid, or Explosive C or combinations thereof.



PL-3  
PSR-3  
RV-3



2S-3 Rail  
Two-sided for  
Tank Cars



L-4  
Label



L-27  
Label



L-26  
Label

Placard 1000 pounds or more gross aggregate weight. Chlorine placard required on packaging over 110 gallons.

# EMPTY PLACARDS

## PLACARDS

cont'd.



PL-6  
PSR-6  
RV-6



L-11  
Label



2S-6 Rail  
Two-sided for  
Tank Cars

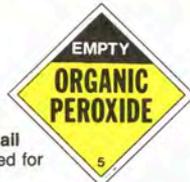
Placard 1000 pounds or more gross aggregate weight of Oxidizing Materials.



PL-15  
PSR-15  
RV-15



L-10  
Label



2S-15 Rail  
Two-sided for  
Rail

Placard 1000 pounds or more gross aggregate weight of Organic Peroxide.



PL-13  
PSR-13  
RV-13



L-5  
Label



2S-13 Rail  
Two-sided for  
Tank Cars

Must be used for 5000 pounds or more. Flammable placard may be substituted on less than 5000 pounds.



PL-14  
PSR-14  
RV-14



L-5  
Label



L-23  
Label



2S-14 Rail  
Two-sided for  
Tank Cars

Placard any quantity when **both** labels appear together.

## PLACARDS

Cont'd.



PL-17  
PSR-17  
RV-17



L-27  
Label



2S-17 Rail  
Two-sided for  
Tank Cars

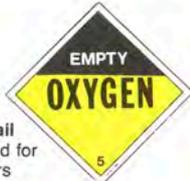
Placard for packaging rated more than 110 gallons. Non-Flammable placard for packaging 110 gallons or less.



PL-16  
PSR-16  
RV-16



L-26  
Label



2S-16 Rail  
Two-sided for  
Tank Cars

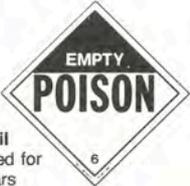
May be used for liquefied pressurized oxygen contained in a manner not meeting the definition in Sec. 173.300.



PL-5  
PSR-5  
RV-5



L-8  
Label



2S-5 Rail  
Two-sided for  
Tank Cars

Placard 1000 pounds or more gross aggregate weight of Class B poisons.



PL-12  
PSR-12



L-9  
Label



15¼" Rail Placard  
2S-12



Back Side  
2S-12

Placard any quantity of Class A material.

1980

# Numbers added to Placards

## Examples of Department of Transportation (DOT) Placards

### EXPLOSIVES AND BLASTING AGENTS



### COMPRESSED GASES

FLAMMABLE GAS      NON-FLAMMABLE GAS



CHLORINE      OXYGEN



### FLAMMABLE AND COMBUSTIBLE LIQUIDS

FLAMMABLE LIQUID      COMBUSTIBLE LIQUID



### FLAMMABLE SOLIDS

FLAMMABLE SOLID      FLAMMABLE SOLID (Dangerous When Wet)



## OXIDIZERS AND ORGANIC PEROXIDES

OXIDIZER      ORGANIC PEROXIDE



## POISONOUS MATERIALS

POISON A      POISON B



## RADIOACTIVE MATERIALS

## CORROSIVE MATERIALS

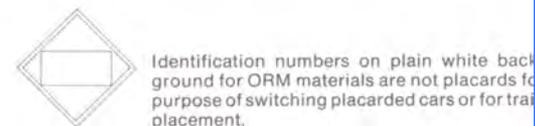


## DANGEROUS

## EXAMPLES OF EMPTY PLACARDS



## OTHER REGULATED MATERIALS (ORM)





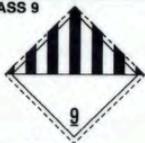
# DOT ID NUMBERS ORANGE PANELS

# STENCILED COMMODITIES



# HM 181 HAZARDOUS MATERIALS PLACARDING CHART

# 1990

<p><b>CLASS 1</b></p>  <p><b>EXPLOSIVES</b> The Division number is 1.1, 1.2 or 1.3 and compatibility group in black ink.</p>	<p><b>CLASS 1</b></p>  <p><b>EXPLOSIVES 1.4</b> The compatibility group is in black ink.</p>	<p><b>CLASS 1</b></p>  <p><b>EXPLOSIVES 1.5</b> The compatibility group is in black ink.</p>	<p><b>CLASS 1</b></p>  <p><b>EXPLOSIVES 1.6</b> The compatibility group is in black ink.</p>	<p><b>CLASS 2</b></p>  <p><b>OXYGEN</b> Placard 454kg (1001 lbs.) or more aggregate gross weight of either OXYGEN compressed and oxygen, refrigerated liquid. See 172.504(b).</p>
<p><b>CLASS 2</b> Division 2.1</p>  <p><b>FLAMMABLE GAS</b> Placard 454kg (1001 lbs.) or more of flammable gas. See DANGEROUS.</p>	<p><b>CLASS 2</b> Division 2.2</p>  <p><b>NON-FLAMMABLE GAS</b> Placard 454kg (1001 lbs.) or more aggregate gross weight of non-flammable gas. See DANGEROUS.</p>	<p><b>CLASS 2</b> Division 2.3</p>  <p><b>POISON GAS</b> Placard any quantity of Division 2.3 material.</p>	<p><b>CLASS 3</b></p>  <p><b>FLAMMABLE</b> Placard 454kg (1001 lbs.) or more flammable liquid. See DANGEROUS.</p>	<p><b>CLASS 3</b></p>  <p><b>GASOLINE</b> May be used in the place of FLAMMABLE on a placard displayed on a cargo tank or a portable tank being used to transport gasoline by highway.</p>
<p><b>CLASS 3</b></p>  <p><b>COMBUSTIBLE</b> Placard a combustible liquid when transported in bulk. A FLAMMABLE placard may be used in place of a Combustible placard on cargo tank or portable tank or a compartmented tank car which contains both flammable and combustible liquids.</p>	<p><b>CLASS 3</b></p>  <p><b>FUEL OIL</b> May be used in place of COMBUSTIBLE on a placard displayed on a cargo tank or portable tank being used to transport by highway fuel oil not classed as a flammable liquid.</p>	<p><b>CLASS 4</b> Division 4.1</p>  <p><b>FLAMMABLE SOLID</b> Placard 454kg (1001 lbs.) or more gross weight of flammable solid. See DANGEROUS.</p>	<p><b>CLASS 4</b> Division 4.2</p>  <p><b>SPONTANEOUSLY COMBUSTIBLE</b> Placard 454kg (1001 lbs.) or more gross weight of spontaneously combustible material. See DANGEROUS.</p>	<p><b>CLASS 4</b> Division 4.3</p>  <p><b>DANGEROUS WHEN WET MATERIAL</b> Placard any quantity of Division 4.3 material.</p>
<p><b>CLASS 5</b> Division 5.1</p>  <p><b>OXIDIZER</b> Placard 454kg (1001 lbs.) or more gross weight of oxidizing material. See DANGEROUS.</p>	<p><b>CLASS 5</b> Division 5.2</p>  <p><b>ORGANIC PEROXIDE</b> Placard 454kg (1001 lbs.) or more gross weight of organic peroxide. See DANGEROUS.</p>	<p><b>CLASS 6</b> Division 6.1 Packing Group III</p>  <p><b>KEEP AWAY FROM FOOD</b> Placard 454kg (1001 lbs.) or more gross weight of poison B. See DANGEROUS.</p>	<p><b>CLASS 6</b> Division 6.1 Packing Group I &amp; II</p>  <p><b>POISON</b> Placard 454kg (1001 lbs.) or more gross weight of poison B. See DANGEROUS. Except Inhalation Hazard PG 1 placard any quantity.</p>	<p><b>CLASS 7</b></p>  <p><b>RADIOACTIVE</b> Placard any quantity of packages bearing the RADIOACTIVE YELLOW III label. Certain low specific activity radioactive materials in "exclusive use" will not bear the label, but RADIOACTIVE placard is required.</p>
<p><b>CLASS 8</b></p>  <p><b>CORROSIVE</b> Placard 454kg (1001 lbs.) or more gross weight of corrosive material. Placard not required for a material that is corrosive only to aluminum or steel when transported in, or by a motor vehicle or rail car in a packaging constructed of materials that will not react dangerously with or be degraded by THE CORROSIVE MATERIAL. See DANGEROUS.</p>	<p><b>CLASS 9</b></p>  <p><b>MISCELLANEOUS</b> Placard 454kg (1001 lbs.) or more gross weight of a material which presents a hazard during transport, but which is not included in any other hazard class. See DANGEROUS.</p>	<p><b>DANGEROUS</b> Placard 454kg (1001 lbs.) gross weight of two or more categories of hazardous materials listed in Table 2. A freight container, unit load device, motor vehicle or rail car which contains non-bulk packagings with two or more categories of hazardous materials that require different placards specified in Table 2 may be</p>	<p>placarded with DANGEROUS placards instead of the separate placarding specified for each of the materials in Table 2. However, when 2,368kg (5000 lbs.) or more of one category of material is loaded therein at one loading facility, the placard specified in Table 2 of paragraph (e) of this section for that category must be applied.</p> <p>Division 1.4 (explosive) Division 1.5 (Blasting Agents) Division 1.8 (explosive) Division 2.1 (flammable gas) Division 2.2 (non-flammable gas) Class 3 (flammable liquids) Combustible liquid Division 4.1 (flammable solid) Division 4.2 (spontaneously combustible) Division 5.1 (oxidizer) Division 5.2 (organic peroxide) Class 8 (poison) Class 8 (corrosive) Class 9 (miscellaneous)</p>	
<p><b>FUMIGATED</b> Placard motor vehicle, freight container or rail car fumigated with poisonous liquid, solid or gas when transported by rail.</p> 	<p><b>RAIL</b> Placarded empty tank cars for residue of material last contained.</p> 	<p>Background placard for rail cars for materials required to be placarded EXPLOSIVE 1.1 or 1.2, or a material or residue in Division 2.3 Packing Group I Hazard Zone A or Division 6.1 Packing Group I Hazard Zone A require to be placarded POISON GAS, POISON, POISON GAS-RESIDUE or POISON-RESIDUE. See 172.507 for RADIOACTIVE transportation by highway.</p>	<p><b>DISPLAY OF IDENTIFICATION NUMBER WHEN TRANSPORTING HAZARDOUS MATERIALS IN PORTABLE TANKS, CARGO TANKS AND TANK CARS.</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p><b>1075</b></p> <p>ORANGE PANEL</p> </div> <div style="text-align: center;">  <p><b>1090</b></p> <p>PLACARD</p> </div> </div>	

## TABLE OF PLACARDS AND INITIAL

USE THIS TABLE ONLY IF MATERIALS CANNOT BE SPECIFICALLY IDENTIFIED BY

This table lists 24 hazard classes with their corresponding placard design and initial response number:

- 111:** DANGER (Red diamond)
- 112:** Explosive (Orange diamond with flame and explosion symbol)
- 114:** Explosive (Orange diamond with flame and explosion symbol)
- 118:** Flammable Gas (Red diamond with flame)
- 121:** Non-Flammable Gas (Green diamond with gas cylinder)
- 122:** Flammable (Yellow diamond with flame)
- 127:** Combustible (Red diamond with flame)
- 128:** Fuel Oil (Red diamond with flame)
- 123:** Poison Gas (White diamond with skull and crossbones)
- 125:** Inhalation Hazard (White diamond with skull and crossbones)
- 129:** Inhalation Hazard (White diamond with skull and crossbones)
- 131:** Inhalation Hazard (White diamond with skull and crossbones)
- 132:** Inhalation Hazard (White diamond with skull and crossbones)
- 133:** Inhalation Hazard (White diamond with skull and crossbones)
- 134:** Flammable Solid (Red and white striped diamond with flame)
- 135:** Flammable Solid (Red and white striped diamond with flame)
- 136:** Spontaneously Combustible (Red diamond with flame)
- 139:** Flammable Solid (Red and white striped diamond with flame)
- 143:** Oxidizer (Yellow diamond with flame over circle)
- 148:** Organic Peroxide (Yellow diamond with flame over circle)
- 153:** Toxic (White diamond with skull and crossbones)
- 158:** Infectious Substance (White diamond with biohazard symbol)
- 163:** Radioactive (Yellow diamond with radiation symbol)
- 171:** Corrosive (White diamond with liquid dripping)
- 172:** Corrosive (White diamond with liquid dripping)
- 173:** Corrosive (White diamond with liquid dripping)
- 174:** Corrosive (White diamond with liquid dripping)
- 175:** Corrosive (White diamond with liquid dripping)
- 176:** Corrosive (White diamond with liquid dripping)
- 177:** Corrosive (White diamond with liquid dripping)
- 178:** Corrosive (White diamond with liquid dripping)
- 179:** Corrosive (White diamond with liquid dripping)
- 180:** Corrosive (White diamond with liquid dripping)
- 181:** Corrosive (White diamond with liquid dripping)
- 182:** Corrosive (White diamond with liquid dripping)
- 183:** Corrosive (White diamond with liquid dripping)
- 184:** Corrosive (White diamond with liquid dripping)
- 185:** Corrosive (White diamond with liquid dripping)
- 186:** Corrosive (White diamond with liquid dripping)
- 187:** Corrosive (White diamond with liquid dripping)
- 188:** Corrosive (White diamond with liquid dripping)
- 189:** Corrosive (White diamond with liquid dripping)
- 190:** Corrosive (White diamond with liquid dripping)

## RESPONSE GUIDES TO USE ON-SCENE

USING THE SHIPPING DOCUMENT, NUMBERED PLACARD, OR ORANGE PANEL NUMBER

This section shows response guides for various hazard classes, including placard designs and initial response numbers:

- 134:** Flammable Solid (Red and white striped diamond with flame)
- 136:** Spontaneously Combustible (Red diamond with flame)
- 139:** Flammable Solid (Red and white striped diamond with flame)
- 143:** Oxidizer (Yellow diamond with flame over circle)
- 148:** Organic Peroxide (Yellow diamond with flame over circle)
- 153:** Toxic (White diamond with skull and crossbones)
- 158:** Infectious Substance (White diamond with biohazard symbol)
- 163:** Radioactive (Yellow diamond with radiation symbol)
- 171:** Corrosive (White diamond with liquid dripping)
- 172:** Corrosive (White diamond with liquid dripping)
- 173:** Corrosive (White diamond with liquid dripping)
- 174:** Corrosive (White diamond with liquid dripping)
- 175:** Corrosive (White diamond with liquid dripping)
- 176:** Corrosive (White diamond with liquid dripping)
- 177:** Corrosive (White diamond with liquid dripping)
- 178:** Corrosive (White diamond with liquid dripping)
- 179:** Corrosive (White diamond with liquid dripping)
- 180:** Corrosive (White diamond with liquid dripping)
- 181:** Corrosive (White diamond with liquid dripping)
- 182:** Corrosive (White diamond with liquid dripping)
- 183:** Corrosive (White diamond with liquid dripping)
- 184:** Corrosive (White diamond with liquid dripping)
- 185:** Corrosive (White diamond with liquid dripping)
- 186:** Corrosive (White diamond with liquid dripping)
- 187:** Corrosive (White diamond with liquid dripping)
- 188:** Corrosive (White diamond with liquid dripping)
- 189:** Corrosive (White diamond with liquid dripping)
- 190:** Corrosive (White diamond with liquid dripping)

**DANGER**  
THIS UNIT IS UNDER FUMIGATION WITH  
APPLIED ON  
DO NOT ENTER

**INHALATION HAZARD**

**MARINE POLLUTANT**



# KIT CARE DOT SHIPPING LABELS

## DOT/Hazardous Materials Shipping Labels

**DOT Shipping Labels**

- 4"x4" P/S vinyl, 25/pack
- 4"x4" P/S paper, 500/roll

**MATERIALS**

- P Pressure-Sensitive Vinyl
- L Pressure-Sensitive Paper

2010

## DOT Subsidiary Risk Shipping Labels

• 4"x4" pressure sensitive vinyl • 25/pack • Custom rolls available

**Hazardous Materials Shipping Labels**

- Pressure-Sensitive vinyl
- 25/pack

P 4"x4" DL56AP

P 2"x4" DL57AP

**KEEP  
LIGHTS  
AND  
FIRES AWAY!**

**DANGEROUS**

Name of contents of carload shipments must  
be inserted here or on commodity card.

LIQUEFIED PETROLEUM GAS

**HANDLE CAREFULLY**

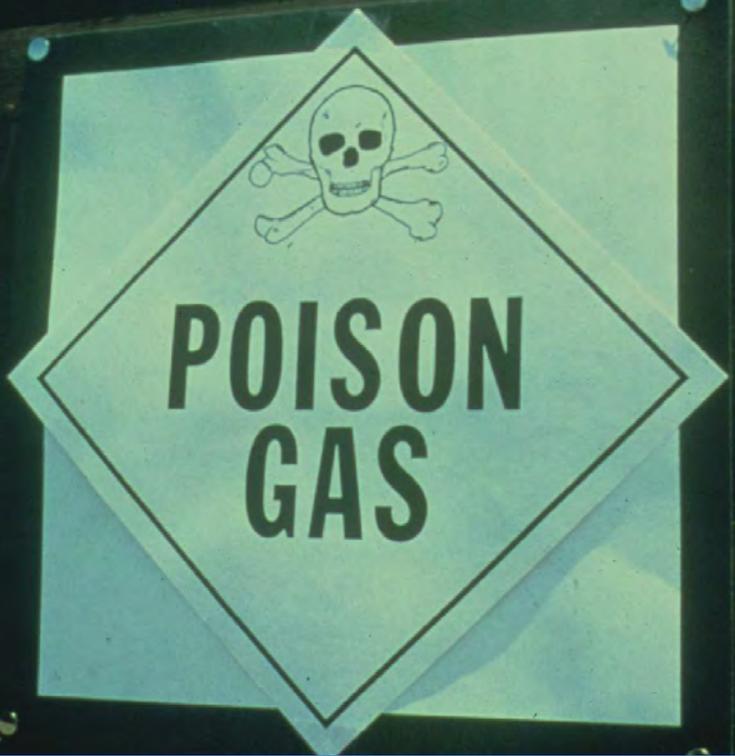
**ing explosives.**

**Avoid contact with leaking acid  
or corrosive liquid.**

**Beware of fumes or  
vapors!**

WHEN LADING IS REMOVED  
THIS PLACARD MUST  
BE REMOVED OR  
REVERSED.

DO NOT MOVE CARS  
S  
THESE DOORS  
ARE LOCKED







**FLAMMABLE  
GAS**



1784  
1402  
MIDWEST CARBIDE CORP  
L3  
CALCIUM CARBIDE  
1402  
CALCIUM CARBIDE  
800

1402  
MIDWEST CARBIDE CORP  
1402  
PRYOR, OH  
CALCIUM CARBIDE

1402  
CALCIUM CARBIDE  
EPA  
CALCIUM CARBIDE  
ELKEM METALS COMPANY

MIDWEST CARBIDE CORP.  
1402  
PRYOR, OH  
CALCIUM CARBIDE

7808  
1402  
Elkem  
CALCIUM CARBIDE  
ELKEM METALS COMPANY L.L.C.  
ADRIATIC L.A. OH

1402  
Elkem  
CALCIUM CARBIDE  
ELKEM METALS COMPANY

1402  
CALCIUM CARBIDE

1402  
CALCIUM CARBIDE

2 W.R.F. COMP.  
BRACE SIDES

DO NOT  
HUMP

ELKX8 280 85  
Arys





DOT 111 AGO W-1

SAFETY VALVE 35 PSI  
TESTED 1999 GACA DUE 2009  
TANK 100 PSI  
TESTED 1999 GACA DUE 2009

NOT FOR REPAIRABLE  
LIQUIDS

# SULFURIC ACID

DOT 111 A 100 W2

	STATION STENCIL	QUALIFIED	DUE
TANK QUALIFICATION	BRS NEED	1998	2008
SERVICE EQUIPMENT	BRS NEED	1998	2003
VENT	165 PSI	BRS NEED	
COATING/LINING	BRS NEED	1998	2003
TYPE PLASITE 9085			
DATE APPLIED 03-1995			
88.B.2 INSPECTION			



**THE END**