

THE ADDITIONAL DESCRIPTION ON THE HAZMAT SHIPPING PAPER

One presentation in a series that briefly explains the responsibility of the shipper of a hazardous material to provide an “additional description” on the shipping paper if applicable.

This presentation: 49 CFR 172.203(c):
Hazardous Substance

PRESENTED BY:



Daniels Training Services

815.821.1550

www.DanielsTraining.com

Info@DanielsTraining.com

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Describing a Hazardous Material

- The Shipper of a hazardous material (HazMat) is required to describe it on a shipping paper.
- The regulations detailing the hazardous material description are found at 49 CFR 172, Subpart C.
- An **additional description** of the HazMat may be required depending on the hazardous material and the mode of transportation.

49 CFR 172.203 – Additional Description

- (a) ~~Special permits~~ water
- (b) ~~Limited Quantity~~
- (★) Hazardous Substance (l) Marine Pollutants
- (d) Radioactive material (m) Poisonous materials
- (e) Empty packaging (n) Elevated temperature
- (f) Transportation by air (o) Organic peroxides or self-reactives
- (g) Transportation by rail
- (h) Transportation by Hwy (p) LPG
- (i) Transportation by

Describing a Hazardous Substance on the Shipping Paper (1.0)

- The name of the hazardous substance must be entered:
 - In (parentheses).

And...

- In association w/ the basic description.

HM	Hazardous Materials Description
X	RQ, UN1263, Paint Related Material, (Xylene), 3, PGII
RQ	(D001) UN1263, Waste Paint Related Material, 3, PGII

Describing a Hazardous Substance on the Shipping Paper (2.0)

If...

- Material contains **two or more** hazardous substances.

Then...

- **At least two** hazardous substances must be identified.
 - Must include the two w/ the lowest reportable quantities.

Hazardous Substance	RQ Lbs (Kg)
Benzene	10 (4.54)
Styrene	1000 (454)
Toluene	1000 (454)
Xylene	100(45.4)

Describing a Hazardous Substance on the Shipping Paper (2.1)

49 CFR 172.203(c) @DanielsTraining 6

Describing a Hazardous Substance on the Shipping Paper (2.0)

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Styrene	1000 (454)
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Xylene	100(45.4)

- Describing two or more hazardous substances.

HM Hazardous Materials Description

X

RQ, UN1263, Paint Related Material, (Benzene, Xylene), 3, PGII

Describing a Hazardous Substance on the Shipping Paper (3.0)

If...

- The proper shipping name identifies the hazardous substance by name.

Then...

- Not required to identify the hazardous substance further.

HM	Hazardous Materials Description
X	RQ, UN1307, Xylenes, 3, PGII

Describing a Hazardous Substance on the *Uniform Hazardous Waste Manifest (4.0)*

If...

- Hazardous waste.

Then...

- Waste code (e.g., D001), **may** be used to identify the hazardous substance.

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					
X	RQ, UN1263, Waste Paint Related Material, 3, PGII	011	DF	5110	P	D001	F003	F005

Describing a Hazardous Substance on the Shipping Paper (5.0)

- The letters “RQ” *must* be entered:
 - Before the basic description.

Or...

- After the basic description.

HM	Hazardous Materials Description
X	RQ, UN 1098, Allyl alcohol, 6.1 (3), I, Toxic-inhalation hazard, Zone B
X	UN 3077, Environmentally hazardous substances, solid, n.o.s., 9, III, RQ (Adipic acid)

Describing a Hazardous Substance on the Shipping Paper (6.0)

- “RQ” *may* be used in place of the “X” in the Hazardous Materials column, if appropriate.
 - 49 CFR 172.201(a)(1)(iii).

HM	Hazardous Materials Description
RQ	(D001) UN1263, Waste Paint Related Material, 3, PGII

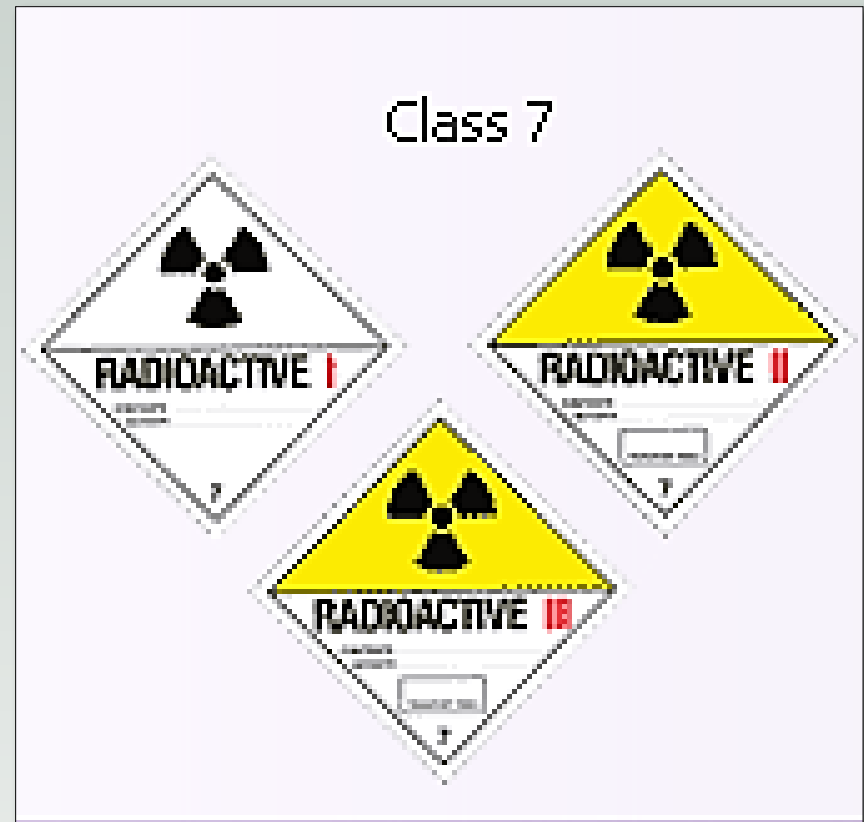
Describing a Hazardous Substance on the Shipping Paper (7.0)

If...

- A Class 7 (Radioactive) is described as required by 49 CFR 172.203(d).

Then...

- It is not required to be described as required by §172.203(c).



More to Consider (1)...

- The two examples for placement of “RQ” in 49 CFR 172.203(c)(2) are not the only two acceptable places.
- "RQ" may follow the basic description in any reasonable format, provided it is clearly part of the entry.

[LOI 13-0234](#)

More to Consider (2)...

- “...the name of the hazardous substance must be entered in parentheses in association with the basic description.” [49 CFR 172.203(c)(1)]
 - This may be accomplished by placing the name of the hazardous substance either ***immediately*** following the proper shipping name or the basic description.

[LOI 04-0182](#)

More to Consider (3)...

- “...the name of the hazardous substance must be entered in parentheses in association with the basic description.”
 - The wording “***in association with the basic description***” as it applies to additional, non-required information [ie. 49 CFR 172.203(c)] generally means “***following the basic description.***”

[LOI 07-0181](#)

49 CFR 172.203(c) Verbatim:

(c) *Hazardous substances.* (1) Except for Class 7 (radioactive) materials described in accordance with paragraph (d) of this section, if the proper shipping name for a material that is a hazardous substance does not identify the hazardous substance by name, the name of the hazardous substance must be entered in parentheses in association with the basic description. If the material contains two or more hazardous substances, at least two hazardous substances, including the two with the lowest reportable quantities (RQs), must be identified. For a hazardous waste, the waste code (e.g., D001), if appropriate, may be used to identify the hazardous substance.

More...



49 CFR 172.203(c) Verbatim:

(2) The letters “RQ” must be entered on the shipping paper either before or after the basic description required by §172.202 for each hazardous substance (see definition in §171.8 of this subchapter). For example: “RQ, UN 1098, Allyl alcohol, 6.1, I, Toxic-inhalation hazard, Zone B”; or “UN 3077, Environmentally hazardous substances, solid, n.o.s., 9, III, RQ (Adipic acid)”.

End.

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Hazardous Waste
Personnel

And...

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Training**

**Seminar, Webinar, or
Onsite**

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Daniels Training Services
815.821.1550
Info@DanielsTraining.com
www.DanielsTraining.com