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MARTS Technical Conference

# Compliance with the new OSHA HAZCOM Standard

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**GATX**

*Unless otherwise noted, GATX is the source for data provided*

# What Prompted OSHA to change this standard?

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## Alignment with the UN Globally Harmonized System of Classification and Labeling of Chemicals:

- Benefits for users and producers of chemicals, countries, and international organizations.
  - Enhance protection of humans and environment.
  - Facilitate chemical international trade.
  - Reduce duplicate testing and evaluation.
  - Aid countries and international organizations in the proper handling of chemicals.
- OSHA published the Proposed rule in the Federal Register on September 30, 2009 (74 FR 50280-50549)

- Found in 29CFR 1910.1200
- Employees who manufacture or handle chemicals must be trained on new Safety Data Sheet (SDS) format by **December 1, 2013**
- Manufacturers must have SDS's in new format by **June 1, 2015**
- Container labels must be compliant by June 1, 2015

- *Labels on shipped containers.* “The chemical manufacturer, importer, or distributor shall ensure that each container of hazardous chemicals leaving the workplace is labeled, tagged, or marked. Hazards not otherwise classified do not have to be addressed on the container. Where the chemical manufacturer or importer is required to label, tag or mark the following information shall be provided:” Requirements found in 1910.1200(f)(i-vi)
- Product Identifier
- Signal word
- Hazard statement(s);
- Pictogram(s);
- Precautionary statement(s)
- Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party.

# Pictograms

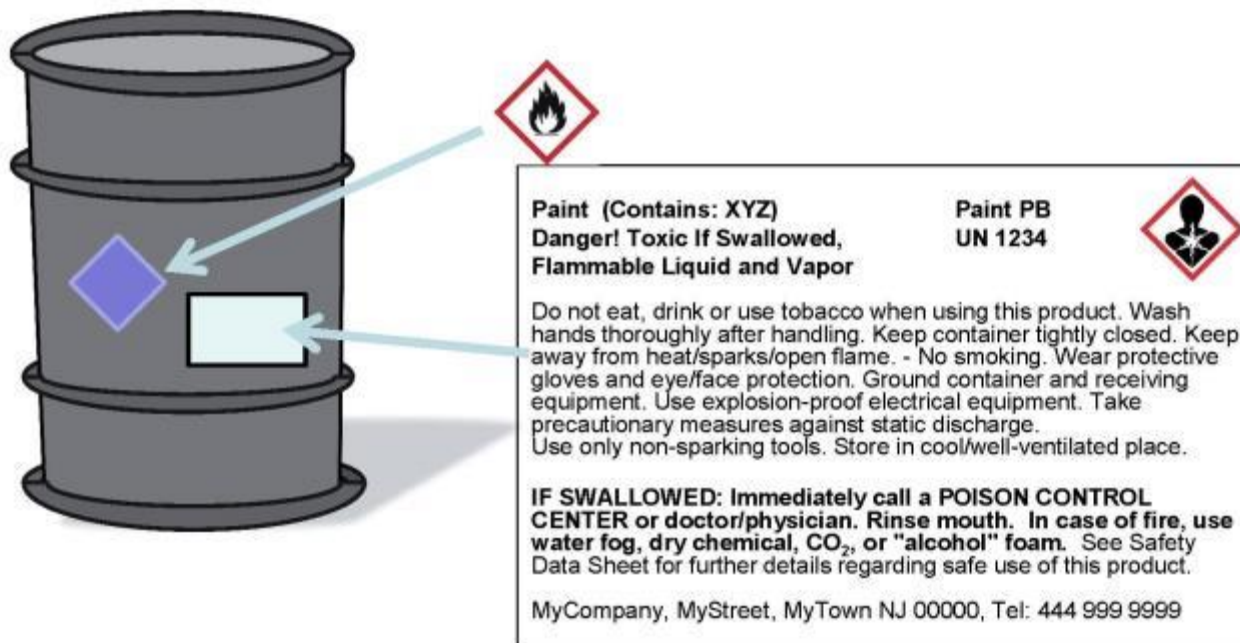


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Pictograms Globally Harmonized System

# Label Requirements

## Label Example



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# Required Components of an SDS

- The SDS consists of 16 Sections presented in order as specified by the standard
- Sections 1-8 contain general information about the chemical, identification, hazards, composition, safe handling practices and emergency control measures
- Sections 9-11 contain other technical and scientific information, physical and chemical properties, stability and reactivity, etc.
- Section 16 contains other information, including the date the SDS was prepared or its last revision date. Note that a new revision is required whenever the chemical composition is changed, or when health information or exposure limits are changed. Canadian law requires that SDS's be revised every 3 years.
- The SDS must also contain Sections 12-15 to be consistent with the Globally Harmonized System of Classification and labeling, but OSHA does not enforce the content of these sections.

# SDS Sections

1. Identification
2. Hazard(s) Identification
3. Composition/Information on Ingredients
4. First Aid Measures
5. Fire-Fighting Measures
6. Accidental Release Measures
7. Handling and Storage
8. Exposure Controls/Personal Protection
9. Physical and Chemical Properties
10. Stability and Reactivity
11. Toxicological Information
12. Ecological Information
13. Disposal Information
14. Transport Information (DOT/Transport Canada)
15. Regulatory Information
16. Other Information



# References

- OSHA, 29CFR 1910.1200(g) and Appendix D – Standard can be found at: <http://www.osha.gov/dsg/hazcom.index.html>
- United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS) third revised edition, United Nations, 2009
- Other information can be found at:  
<https://www.osha.gov/dsg/hazcom/effectivedates.html>
- Training info, labels and information in Spanish can be found at:  
[https://www.osha.gov/dte/grant\\_materials/fy11/sh-22315-11.html](https://www.osha.gov/dte/grant_materials/fy11/sh-22315-11.html)

# THANK YOU

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QUESTIONS ?

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