MARTS Technical Conference

Compliance with the new OSHA HAZCOM Standard

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Unless otherwise noted, GATX is the source for data provided
What Prompted OSHA to change this standard?

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)
Hazard Communication Standard – Compliance

- 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

- Corrosive
- Irritant
- Explosive
- Oxidizer
- Toxic
- Flammable
- Health Hazard
- Aquatic Toxicity
- Gas under pressure

Pictograms Globally Harmonized System
Label Requirements

Label Example

Paint (Contains: XYZ)
Danger! Toxic If Swallowed,
Flammable Liquid and Vapor

Do not eat, drink or use tobacco when using this product. Wash hands thoroughly after handling. Keep container tightly closed. Keep away from heat/sparks/open flame. - No smoking. Wear protective gloves and eye/face protection. Ground container and receiving equipment. Use explosion-proof electrical equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Store in cool/well-ventilated place.

IF SWALLOWED: Immediately call a POISON CONTROL CENTER or doctor/physician. Rinse mouth. In case of fire, use water fog, dry chemical, CO₂, or "alcohol" foam. See Safety Data Sheet for further details regarding safe use of this product.

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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.
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


• 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
QUESTIONS?

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