

OSHA's Proposed Revised Hazard Communication Standard

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In 1983 OSHA promulgated the chemical Hazard Communication Standard ("Haz Comm Standard"). Other countries have passed laws with scopes similar to the Haz Comm Standard. These laws have differing requirements. As a result, manufacturers that ship products internationally needed to comply with a variety of complex regulatory requirements. This leads to major compliance burdens and cost increases for chemical manufacturers and those involved in international trade. For example, while several countries maintain specific lists of hazardous chemicals, the Haz Comm Standard provides definitions of health and physical hazards to use as a criteria for determining hazardous chemicals – in other words a performance-based evaluation versus a list-based system.

To reduce this regulatory burden, OSHA proposes to modify the existing Haz Comm Standard to conform with the United Nations' Globally Harmonized System of Classification and Labeling of Chemicals ("GHS"). Several countries have already adopted the GHS including Japan, China, Canada and the countries included in the European Union. The U.S. has been slower to adopt GHS because OSHA's Haz Comm Standard has been in effect for several years. OSHA believes the proposed modifications to the Haz Comm Standard would increase the quality and consistency of chemical information provided to employers and employees.

The proposed modifications to the Haz Comm Standard rule were issued in the *Federal Register* on September 30, 2009. A three-month public comment period followed which ended on December 29, 2009. For the public comment period, OSHA requested input on a variety of relevant issues including the economic impact, the environmental impact, effects on small businesses, proposed revisions to the Haz Comm Standard and subsequent modifications to other standards. OSHA is currently reviewing the comments received since the public comment period ended. OSHA intends to revise the Haz Comm Standard to conform with the GHS.

The three pillars of OSHA's current Haz Comm Standard are labeling, safety data sheets ("SDSs") (also known as Material Safety Data Sheets or MSDSs) and employee training. Several of OSHA's proposed modifications to make the Haz Comm Standard consistent with the GHS include:

1. Revise the criteria for classification of chemical hazards. OSHA proposes to adopt all of the physical and health hazard classes included in the GHS as well as classifications of mixtures.
2. Revise the labeling provisions to include, for example, consistent use of standardized signal words, pictograms, hazard statements and precautionary statements. OSHA proposes to change labeling requirements by including with each substance's specific standard, a list of health effects that must be considered for the hazard classification. The modified Haz Comm Standard will dictate the specific language that is required on labels through the classification process.
3. Provide a specific format for SDSs. Currently the Haz Comm Standard allows a nine-section format. The modified Haz Comm Standard would require a specific 16-section format. However, OSHA may allow certain sections to be optional under the modified Haz Comm Standard rule. Also, OSHA proposes to require OSHA-permissible exposure limits on the SDSs as well as other exposure limits recommended by the chemical manufacturer, importer or employer who prepares the MSDS.
4. Address requirements for training. The GHS tends to leave training details to the specific country and, as a result, OSHA will keep the training requirements in the Haz Comm Standard. Specifically OSHA's proposal requires employers to train employees regarding the new labels and SDSs within two years after publication of the modified final Haz Comm Standard rule. Additionally OSHA has proposed that chemi-

One-Hour Standard for Nitrogen Dioxide Published

The Environmental Protection Agency is publishing a final rule in the Federal Register Feb. 9 establishing the first one-hour primary air quality standard for nitrogen dioxide. EPA is setting the hourly standard at 0.10 part per million to protect against short-term exposure to the pollutant. The agency will retain the existing annual standard for nitrogen dioxide at 0.053 ppm. The rule also will require additional air monitoring near roadways and in urban centers. Exposures to nitrogen dioxide of as little as 30 minutes have been linked to respiratory impacts such as asthma. Short-term exposure also has been linked to increased hospital admissions and emergency rooms visits for respiratory illnesses. EPA is expected to designate nonattainment areas for nitrogen dioxide by January 2012. EPA will re-evaluate those designations in 2016 or 2017 after states have installed new monitors for nitrogen dioxide and taken measurements (15 DEN A-4, 1/26/10).

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cal manufacturers, importers, distributors and employers be required to comply with all provisions of the modified final rule within three years after its publication.

The proposed revisions have resulted in comments by various organizations on sections of the Haz Comm Standard. For example, OSHA proposes to include a definition for unclassified hazards in the Haz Comm Standard. OSHA's intent is that all hazards currently covered by the Haz Comm Standard or new hazards identified in the future be included in the revised Haz Comm Standard until they are added to GHS and subsequently adopted by OSHA. The U.S. Chamber of Commerce has urged OSHA to "reconsider the proposed addition of the term 'unclassified hazards' which we believe will not only cause confusion to employers and employees alike but could allow the agency to impose significant new obligations on employers and employees without undertaking the necessary required rulemaking steps."

Approximately five million workplaces in the U.S. are expected to be affected by the revised Haz Comm Standard. However, OSHA has stated that the proposed Haz Comm Standard will not have

a significant impact on a substantial number of small business entities. The U.S. Chamber of Commerce disagrees and believes "this decision was based on an economic impact assessment that severely underestimated the costs and burdens associated with compliance with this proposal and overestimated the benefits that will flow from it." Thus, OSHA's proposed revisions to the Haz Comm Standard may have far reaching effects on millions of American workplaces.

OSHA will host informal public hearings on the proposal to align the Haz Comm Standard with the GHS. The first hearing will occur March 2 at the U.S. Labor Department's headquarters in Washington, D.C. Additional hearings will take place on March 31 in Pittsburgh and April 13 in Los Angeles.

The impacts of the proposed modified Haz Comm Standard rule will not be known until the rule is finalized. There is no scheduled date for the final rule to be issued. Until then – stay tuned.

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