



Standard Practice for Preparing Material Safety Data Sheets to Include Transportation and Disposal Data for the General Services Administration¹

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INTRODUCTION

There is a need to provide information about hazardous materials in a systematic way. A guide is required to direct those who manufacture, distribute, and use such materials on how to present the necessary information for a bid or proposal to the General Services Administration.

1. Scope

1.1 This practice describes how to prepare the information on hazardous materials as required for employee safety and health programs. This practice also provides information on what data are required for the safe handling, storage, use, transportation, and environmentally acceptable disposal of these materials.

2. Referenced Documents

2.1 In all cases the current edition of the document in effect on the data of invitation for bids or request for a proposal shall apply.

2.2 *ANSI Standards:*²

Z400.1 Guideline for the Preparation of Material Safety Data Sheets

Z129.1 Hazardous Industrial Chemicals-Precautionary Labeling

2.3 *U.S. Code of Federal Regulation:*³

10 CFR Energy

29 CFR 1910.1200 Hazard Communication

29 CFR 1926 Construction Safety and Health Standards

39 CFR Postal Service

40 CFR Protection of Environment

49 CFR 172.101 Hazardous Materials Regulations

49 CFR 172.102 Hazardous Materials Regulations

49 CFR 171.8 Hazardous Materials Regulations

2.4 *Other Standards:*

Hazardous Products Act (Schedule II)-WHMIS-Controlled

Product Regulations⁴

DOT-HM-181 Regulations⁵

Dangerous Goods Regulations⁶

International Maritime Dangerous Goods Code⁷

AFR 71-4 Packaging and Materials Handling-Preparation of Hazardous Materials for Military Air Shipment⁸

EEC Preparation Directive⁹

EEC Hazardous Substances Directive⁹

EEC Classification and Labeling of Dangerous Substance⁹

3. Terminology

3.1 *Definitions:*

3.1.1 *exclusions*—articles, as defined by 29 CFR 1910.1200 (c), which are not known to pose any physical or health hazards under normal conditions of use. These definitions do not apply to environmental agents or conditions such as: radiation, noise, heat, cold, etc.

3.1.2 *hazardous chemical*—any chemical which is a physical hazard or a health hazard. Definitions 29 CFR 1910.1200 (c).

3.1.3 *health hazard*—a chemical for which there is statistically significant evidence based on at least one study conducted in accordance with established scientific principles that acute or chronic health effects may occur in exposed employees. The term health hazard includes chemicals which are carcinogens, toxic or highly toxic agents, reproductive toxins, irritants,

⁴ Available from WHMIS Div., Products Safety Branch, Consumer and Corporate Affairs Canada, Place de Portage Phase, 50 Victoria St., Hull, QC K1A 0C9.

⁵ Available from Department of Transportation, Research and Special Programs Admin., Office of Hazardous Materials Transportation (DHM 51), Washington, DC 20590-0001.

⁶ Available from International Air Transportation Assn., 200 Peel St., Montreal, Quebec, Canada H3A 2R4.

⁷ Available from International Maritime Organization, Intergovernmental Maritime Organization, 4 Albert Embankment, London, SE1, 75R England.

⁸ Available from U.S. Air Force Regulations NTIS, Springfield, VA 22161.

⁹ Available from Office for Publications of the European Communities, 2 Rue Mercier, L-2985, Luxembourg.

¹ This practice is under the jurisdiction of ASTM Committee E-34 on Occupational Health and Safety and is the direct responsibility of Subcommittee E34.40 on Hazard Communications.

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² Available from American National Standards Institute, 11 W. 42nd St., 13th Floor, New York, NY, 10036.

³ Available from Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

