



TOOLBOX TALK: SAFETY DATA SHEETS

Understanding the Chemicals We Work With

Safety Data Sheets (SDSs), formerly known as Material Safety Data Sheets, include information such as the properties of each chemical at a workplace; the physical, health, and environmental health hazards; protective measures; and safety precautions for handling, storing and transporting the chemical.

SAFETY DATA SHEETS ARE COMPRISED OF 16 SECTIONS:

1. IDENTIFICATION OF SUBSTANCE: Includes product identifier; manufacturer or distributor name, address, phone number, emergency phone number; recommended use; and restrictions.

2. HAZARDS IDENTIFICATION: Includes all hazards regarding the chemical and required label elements.

3. COMPOSITION: Includes information on chemical ingredients and trade secret claims.

4. FIRST AID MEASURES: Includes important symptoms/effects, acute or delayed, and required treatment.

5. FIRE-FIGHTING MEASURES: Lists suitable extinguishing techniques,

equipment and chemical hazards from fire.

6. ACCIDENTAL RELEASE MEASURES: Lists emergency procedures, protective equipment; chemical hazards from fire.

7. HANDLING AND STORAGE: Lists precautions for safe handling and storage, including incompatibilities.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION: Lists OSHA's Permissible Exposure Limits; personal protective equipment and control measures.

9. PHYSICAL AND CHEMICAL PROPERTIES: Lists the chemical's characteristics.

10. STABILITY AND REACTIVITY: Lists chemical stability and possible hazardous reactions.

11. TOXICOLOGICAL INFORMATION: Includes routes of exposure; related symptoms, acute and chronic effects; numerical measures of toxicity.

12. ECOLOGICAL INFORMATION: Provides information to evaluate the environmental impact of the chemical(s) if it were released to the environment.

13. DISPOSAL CONSIDERATIONS: Provides guidance on proper disposal practices, recycling or reclamation of the chemical(s) or its container, and safe handling.

14. TRANSPORT INFORMATION: Provides guidance on classification information for shipping and transporting of hazardous chemicals by road, air, rail or sea.

15. REGULATORY INFORMATION: Identifies safety, health and environmental regulations.

16. OTHER INFORMATION: Includes the date of preparation or last revision, and any other useful information.

SAFETY DATA SHEETS:

- Can be requested from the manufacturer or found online.
- Must be readily accessible to employees for all hazardous chemicals in their workplace.
- May be kept in a binder or digitally as long as employees have immediate access without leaving their work area when needed and a back-up is available for rapid access to the SDSs in the case of a power outage or other emergency.

I understand the information presented and the importance of keeping up-to-date SDSs that are readily accessible. I will handle, store and transport all chemicals in a safe and responsible manner according to their SDSs.

COMPANY: _____

DATE: _____

EMPLOYEE NAME:

EMPLOYEE SIGNATURE:

Learn more ways to keep your workplace safe.
Visit safeatwork.mo.gov.

