

# WEEKLY SAFETY MEETING

FOR THE CONSTRUCTION INDUSTRY

SAFETY MEETING OUTLINES

Box 700, Frankfort, IL 60423

815-464-0200

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Week of 03/1/2021

Company Name \_\_\_\_\_ Job Name \_\_\_\_\_ Date \_\_\_\_\_

## MSDSs — YOUR MATERIAL SAFETY “BLUEPRINTS”

When you build a building you follow a set of blueprints. When you build a model airplane you use a set of plans. Handling hazardous materials is similar — here the “blueprint” is a Material Safety Data Sheet, or MSDS. Having an MSDS for each hazardous material you work with is part of the Hazard Communication Standard developed by the Occupational Safety and Health Administration (OSHA). An MSDS, which can be obtained from the manufacturer, is required for every hazardous material on the jobsite. A typical MSDS has eight sections:

**Section 1: Identity** — the manufacturer’s name, address, emergency telephone number, and the date the MSDS was prepared

**Section 2: Hazardous Ingredients** — the chemical’s components and common name(s), the OSHA permissible exposure limit (PEL), and the threshold limit value (TLV) set by the American Conference of Government Industrial Hygienists (ACGIH)

**Section 3: Physical and Chemical Characteristics** — the boiling point, specific gravity, vapor pressure, vapor density, solubility in water, reactivity in water, appearance, odor, and melting point

**Section 4: Fire and Explosion Data** — the flash point, flammable limits, lower explosion limit (LEL), upper explosion limit (UEL), extinguishing media, and special fire-fighting procedures

**Section 5: Reactivity Data** — substance stability, conditions to avoid, and incompatibility with other materials

**Section 6: Health Hazards** — signs and symptoms of acute or chronic exposure, routes of entry (eye or skin contact, ingestion, inhalation), and whether a chemical is a carcinogen or potential carcinogen

**Section 7: Special Precautions and Spill or Leak Procedures** — what to do if the substance spills or leaks, and how to dispose of the substance properly and safely

**Section 8: Special Protection Information and Control Measures** — requirements for ventilation and local exhaust; respiratory and eye protection, gloves, and other PPE; and work and hygienic practices

An MSDS is only helpful if you take time to read it before you use the material. Think of it as your blueprint to work safely with hazardous materials. If you need other information about a material, check with your supervisor or the manufacturer. For additional information on Material Safety Data Sheets refer to OSHA standard 29 CFR 1910.1200.

### SAFETY REMINDER

**Know where your employer keeps MSDSs  
and take the time to read them.**

Special Topics For Your Project \_\_\_\_\_

Employee Safety Recommendations \_\_\_\_\_

Reviewed MSDS # \_\_\_\_\_ Subject \_\_\_\_\_

Meeting Attended By \_\_\_\_\_

Supervisor's Signature \_\_\_\_\_