

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

406.02D

Collect Hazard and Response Information Using MSDS

Discipline: Hazmat – Operations Level
Effective: 3/5/2011
Revised:
Replaces:

Anne Huff, Fire Chief

I. Objective

Given scenarios involving known hazardous materials/WMD, the operations level responder shall collect hazard and response information using MSDS, available reference materials, governmental authorities, and shippers and manufacturer's information, and shall meet the following requirements:

- A. Identify two ways to obtain an MSDS in an emergency.
- B. Using an MSDS for a specified material, identify the following hazard and response information:
 1. Physical and chemical characteristics
 2. Physical hazards of the material
 3. Health hazards of the material
 4. Signs and symptoms of exposure
 5. Routes of entry
 6. Permissible exposure limits
 7. Responsible party contact
 8. Precautions for safe handling (including hygiene practices, protective measures, and procedures for cleanup of spills and leaks)
 9. Applicable control measures, including personal protective equipment
 10. Emergency and first-aid procedures

II. Instructions – Procedures for Achieving the Objective

Given a material safety data sheet (MSDS) and a MSDS worksheet, you shall identify the following information and record it on the worksheet:

- A. Physical and chemical characteristics
- B. Physical hazards of the material
- C. Health hazards of the material
- D. Signs and symptoms of exposure
- E. Routes of entry
- F. Permissible exposure limits
- G. Responsible party contact
- H. Precautions for safe handling (including hygiene practices, protective measures, and procedures for cleanup of spills and leaks)
- I. Applicable control measures, including personal protective equipment
- J. Emergency and first-aid procedures

You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

III. Examiner's Note

The responder will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

- A. Various material safety data sheets
- B. MSDS worksheet

V. Reference Sources

See Reference Sources in PB 406.02A.

406.02D Collect Hazard & Response Information Using MSDS

Discipline: Hazardous Materials-Operations Level

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

The Operations Level Responder shall: *(No partial points given)*

- A. Identify two ways to obtain an MSDS in an emergency P/F _____
- B. Identify physical and chemical characteristics..... P/F _____
- C. Identify physical hazards of the material P/F _____
- D. Identify health hazards of the material P/F _____
- E. Identify the signs and symptoms of exposure..... P/F _____
- F. Identify routes of entry P/F _____
- G. Identify the permissible exposure limits P/F _____
- H. Identify responsible party contact.....P/F _____
- I. Identify the precaution for safe handling (including hygiene practices, protective measures, and procedures for cleanup of spills and leaks).....P/F _____
- J. Identify applicable control measures, including personal protective equipment.....P/F _____
- K. Identify emergency and first-aid procedures.....P/F _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
P/F	P/F	First			
		Second			
		Third			