

Business Owners

Here is a sample of what you will need to get started for the SDS folder.

The installation of a label for all hazardous chemicals, fluids and or substances inside of the business is required by law. Ask for all SDS sheets from the vendors if purchased. If you purchase yourself, you can go to all web sites and print and or save to your computer. The purpose of the MSDS and the HMIS (hazardous materials inventory statement) is to disclose the quantity of hazardous chemicals present in the place of business to help first responder better have knowledge of what and how to fight a fire situation at your place of business.

5003.4 Safety Data Sheets.

Safety Data Sheets (SDS) shall be readily available on the premises for hazardous materials regulated by this chapter. Where a hazardous substance is developed in a laboratory, available information shall be documented.

Exception: Designated hazardous waste.

5003.5 Hazard identification signs.

Unless otherwise exempted by the fire code official, visible hazard identification signs as specified in NFPA 704 for the specific material contained shall be placed on stationary containers and above-ground tanks and at entrances to locations where hazardous materials are stored, dispensed, used or handled in quantities requiring a permit and at specific entrances and locations designated by the fire code official.

5003.5.1 Markings.

Individual containers, cartons or packages shall be conspicuously marked or labeled in an approved manner. Rooms or cabinets containing compressed gases shall be conspicuously labeled: COMPRESSED GAS.

5001.5.2 Hazardous Materials Inventory Statement (HMIS).

Where required by the fire code official, an application for a permit shall include an HMIS, such as Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, Tier II Report or other approved statement. The HMIS shall include the following information:

1. Product name
2. Component
3. Chemical Abstract Service (CAS) number
4. Location where stored or used
5. Container size
6. Hazard classification
7. Amount in storage
8. Amount in use-closed systems
9. Amount of in use-open systems

This is taken directly from the code book
See the example for what it can look like.

CHEMICALS															
DATE PULLED	COMMON NAME	DESC	MSDS #	CAS#	HEALTH	FLAMMABILITY	REACTIVITY	SPECIAL	PPE	LINK	PLACARD	QUANTITY	AMOUNT GROSS	TOTAL AMOUNT	INCOMPATIBLES
AEROSOLS															
3/1/10	WD-40	LUBRICANT		MIXTURE	1	4	0		B	WD40	N/A				0
4/10/12	CRC WHITE LITHIUM	GREASE	3080	MIXTURE	1	3	0		B	WHITE GREASE	N/A	7	100OZ	70 OZ	0
11/15/10	BLASTER	LUBRICANT		MIXTURE	2	2	0		A	BLASTER	N/A	5	11 OZ	55 OZ	0
5/24/13	VALVOLINE	BRAKE CLEANER		MIXTURE	2	4	0		B	Valvoline BRAKE CLEANER	N/A				A,AL,OJL
12/31/10	B-12 CARB CLEANER	CLEANER		MIXTURE	1	3	0		B	B-12 CHEMTOOL	N/A				A,O
1/28/13	SUPERIOR GRAPHITE	CHAIN LUBE		MIXTURE	1	4	0		B	CHAIN LUBE	N/A	1	12.5 OZ	112.4 OZ	O,A,AL,
1/28/13	SUPERIOR GRAPHITE	PENETRATING OIL		MIXTURE	1	4	0		B	PEN OIL	N/A	5	12.5 OZ	62.5 OZ	O,A,AL

EXAMPLE

Hazardous Material Information System (U.S.A.) :

Health	*	1
Flammability		0
Physical hazards		0

liquid:

Health		3
Fire hazard		0
Reactivity		0
Personal protection		

National Fire Protection Association (U.S.A.) :



liquid:



An example of what Carbon Dioxide in liquid form SDS NFPA 704 placard.

Once you have all of the SDS in order, highlight all the NFPA/HMIS hazards go through and find the highest of each number 0-4 and the highest will be written down on your new NFPA 704 placard.

You may acquire documents and placards from your choice I have seen them for sale at a reasonable price from www.compliancesigns.com

I hope this helps, I understand that this is a lot of info and I would be available to help get you started. Please feel free to contact me with any questions.

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