



1

HazCom Law

2

Chemical Hazards

3

Protect Yourself

4

MSDSs

5

Labels

6

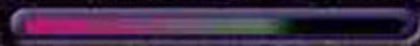
HazCom Trivia

### *HazCom Man:*

What's that Hazie? Oh of course! Our television viewers should NEVER try this scent test. It is dangerous and should only be performed by specially trained Robodogs like you Hazie.

HAZ.COM  
TV

L2F6



STATUS BAR



EXIT



SOUND



BACK



NEXT

PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>Program opens on TV fuzz inside a television set. The television set has the standard navigational controls (e.g., back and next) on the bottom and a speaker and six channel buttons on the left. The channel buttons should be labeled as follows:</p> <ol style="list-style-type: none"> <li>1. HazCom Law</li> <li>2. Chemical Hazards</li> <li>3. Protect Yourself</li> <li>4. MSDSs</li> <li>5. Labels</li> <li>6. HazCom Trivia</li> </ol> <p>The TV fuzz quickly changes (as though the station has been changed) to the set of a news program with two news anchors, Phil and Vikki.</p> <p>Phil and Vikki will each be created from a SERIES OF STILL PHOTOS. As each anchor talks their jaw will open and close, in a very fake way. Occasionally they will roll their eyes. A video monitor is on the wall between them.</p>	<b>A</b>	<b>SFX: TV Fuzz</b>
<p>For the ENTIRE PROGRAM, a teleprompter box on the lower right side of the TV shows each character's Audio Text. Since multiple characters will talk it will be necessary to show each character's name along with their dialogue.</p> <p>NOTE TO PROGRAMMER: When the teleprompter box is full of text and it is necessary for the user to click "NEXT", place a text prompt that says "CLICK NEXT TO CONTINUE" at the bottom of the teleprompter box. Do this throughout program.</p>		

As Phil speaks, a <b>STILL</b> of a hazardous material container appears in the video monitor.	<b>B</b>	<b>Phil:</b> In regional news today, a man was rushed to the hospital after accidentally inhaling the fumes of an unknown chemical while on the job. Sources say the man was attempting to identify the contents of an unlabeled container. The man is currently listed in critical condition at a local area hospital. Authorities have determined that the inhaled material was hazardous.
As Vikki speaks the following TEXT appears in the video monitor: HazCom TV	<b>C</b>	<b>Vikki:</b> In related news, health and safety authorities have approved a new information system called HazCom TV, that will help prevent work place accidents like the one just reported.
More TEXT is added to the video monitor as follows: 6 Channels All HazCom All the Time	<b>D</b>	This system, will provide 6 channels of Hazard Communication training, designed to prevent accidents involving hazardous chemicals in the workplace. And, we're proud to say that HazNews and our affiliated stations will be the first to launch HazCom TV. In fact, HazCom TV debuts at the close of our news program today.
Remove all previous text from the video monitor and add the following TEXT: Hazardous Communication Training  HIGHLIGHT the channel buttons on the right control panel.	<b>E</b>	<b>Phil:</b> That's right Vikki. By merely flipping through Channels 1 through 6 on your television dial, you'll learn about...
Add TEXT: CH 1: HazCom Law	<b>F</b>	...HazCom Law,...
Add TEXT: CH 2: Chemical Hazards	<b>G</b>	...chemical hazards in the workplace,...
Add TEXT: CH 3: Protect Yourself	<b>H</b>	...and how to protect yourself from these chemicals.
Add TEXT: CH 4: MSDSs	<b>I</b>	You'll also learn how to read Material Safety Data Sheets that provide detailed information on hazardous chemicals,...
Add TEXT: CH 5: Labels	<b>J</b>	...and you'll learn how to examine hazardous material container labels.
Add TEXT: CH 6: HazCom Trivia	<b>K</b>	Then, after you've surfed through the first 5 channels, turn to Channel 6 and participate in HazCom Trivia, an exciting game show!
	<b>L</b>	<b>Vikki:</b> Sounds like a lot of valuable information Phil. I can't wait to check it out.

<p>Video monitor with TEXT stays lit, but Vikki and Phil are faded out. "Credit" TEXT appears across TV screen that says "This has been a presentation of HazNews."</p>	<p><b>M</b></p>	<p><b>Phil:</b> I agree Vikki. (beat) Well folks, that concludes our news program for today. We'll leave you to flip through those HazCom TV channels now. We recommend starting with Channel 1 and working your way up to Channel 6. Happy training!</p>
<p>The news set goes black and the 6 TV Channels become active. THIS IS THE MAIN MENU. If a user returns to this frame from anywhere in the course they will come directly here. They will not here Audio A through M again.</p> <p>When user clicks on a button they go to the following lessons:</p> <p>Button 1 = L1/F1          Button 2 = L2/F1          Button 3 = L3/F1          Button 4 = L4/F1          Button 5 = L5/F1          Button 6 = L6/F1</p> <p>The light on each Channel should go out after the user has taken that lesson.</p> <p>After all six channel lights have gone out, go to the next frame.</p>		

Lesson 0/Frame 2

<b>PROGRAMMING &amp; GRAPHICS</b>		<b>AUDIO &amp; TRANSCRIBED TEXT</b>
Same television graphic from previous frame, but now all 6 channel buttons are no longer lit up, and a color test pattern is on the monitor.	<b>A</b>	<b><i>SFX: Broadcasting test hum followed by generic announcer.</i></b>  Thanks for watching HazCom TV. This concludes our broadcasting day. And remember, when working with hazardous substances, be smart and safe!

PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>User arrives here after selecting “Channel 2: Chemical Hazards” from the TV controls.</p> <p>TV fuzz appears inside the Television set as though the channel has just been changed.</p>	<b>A</b>	<p><b>SFX: TV Fuzz followed by adventurous, Star Wars-like music.</b></p>
<p>The TV fuzz quickly changes to a planetary galaxy where unlabeled bottles of hazardous materials float around instead of stars.</p> <p>The standard teleprompter box shows character Audio Text.</p>	<b>B</b>	<p><b>Generic Announcer (very dramatic):</b>            In a galaxy far, far away, on the planet of HazChem, workplaces are not regulated by the Hazard Communication Standard. Unlabeled hazardous chemicals are scattered freely around work areas and MSDSs do not exist. Without the help of OSHA, the planet’s only hope is HazCom Man and his robotic, super-smelling dog Hazie. Their never-ending mission: to hunt for hazardous chemicals in work places throughout the planet. This is their story.</p>
<p>NEXT = L2/F2</p>		

PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>Background GRAPHIC is an office with various unlabeled bottles and papers strewn all over the place.</p> <p>There are cartoon graphics of HazCom Man and Hazie. HazCom Man is dressed in a hazardous waste “astronaut” suit. Hazie is a metallic, robot dog with a long nose. Her back panel is opened up and you can see a row of chemical bottles sitting inside the compartment.</p> <p>Simple ANIMATION of HazCom Man placing the last bottle in Hazie’s back compartment, followed by the compartment sliding shut.</p> <p>The standard teleprompter box shows character Audio Text.</p>	<p><b>A</b></p>	<p><b><i>HazCom Man:</i></b>            Good job Hazie, I think we’ve found the last of the hazardous substances in <b>this</b> workplace. Let’s bring them back to the lab and have them analyzed.</p>
<p>NEXT = L2/F3</p>		

PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>Background graphic is a laboratory with rows of bottles and jars filled with brightly-colored liquids.</p> <p>HazCom Man and Hazie are standing next to the HazCom-puter. The HazCom-puter has a very large screen that will fit stills and text and page-length data tables. The computer has a laser light device and a lower platform that will support a chemical bottle. The laser light, when shined into the chemical bottle, can identify the contents of the bottle.</p> <p>The standard teleprompter box shows character Audio Text.</p>	<b>A</b>	<p><b>Generic announcer:</b></p> <p>Later that night, back at the lab, HazCom Man sorts through the various chemicals discovered that day. He uses the HazCom-puter to analyze the contents of all of the mysterious jars and bottles.</p>
<p>ANIMATION of HazCom Man placing a jar of blue liquid under a laser light on the HazCom-puter. The word "Paint" appears in the computer display.</p>	<b>B</b>	<p><b>HazCom-puter (robot voice):</b></p> <p>The specimen is paint.</p>
	<b>C</b>	<p><b>HazCom Man:</b></p> <p>Hmmm. Toners, inks, cleaners, solvents, <b>and paints</b>. Well, I must say Hazie, I'm not at all surprised. These are common hazardous chemicals in an office environment because people use equipment such as copiers and printers, and perform everyday housekeeping and maintenance duties.</p>
	<b>D</b>	<p>Now it's time to do some maintenance work ourselves, Hazie. We need to calibrate that sniffer of yours. <b>(SFX: Robotic dog bark)</b></p>
NEXT = L2/F4		



PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>Background graphic is the same laboratory in previous frame.</p> <p>Hazie's tail is now plugged into a data port on the computer.</p> <p>The standard teleprompter box shows character Audio Text.</p>	<b>A</b>	<p><b>HazCom Man:</b></p> <p>First, let's plug you into the HazCom-puter so we can update your database of hazardous chemicals to make sure it is complete. That means you must be able to identify all the chemicals that may cause physical or health hazards.</p>
<p>Show the following TEXT in computer monitor: Physical hazards.</p> <p>Also show a data table of chemicals that cause physical hazards. (Ask writer for this table.) The row labeled "flammable chemicals" should be highlighted.</p>	<b>B</b>	<p>Let's start with those chemicals that cause <b>physical</b> hazards such as fire or explosions. For example flammable materials such as gasoline, which ignite at temperatures below 100 degrees Fahrenheit,...</p>
<p>Highlight the row labeled "reactive chemicals" on the table.</p>	<b>C</b>	<p>...or reactive chemicals such as nitroglycerine which undergo hazardous changes under conditions of shock, pressure or temperature.</p>
	<b>D</b>	<p><b>HazCom-puter:</b></p> <p>Uploading physical hazard database now. Please click "NEXT" to continue.</p>
NEXT = L2/F5		

PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>Background graphic is the same laboratory in previous frame.</p> <p>Hazie's tail is still plugged into the computer.</p> <p>Now the computer shows the TEXT: Health Hazards</p> <p>The standard teleprompter box shows character Audio Text.</p>	<b>A</b>	<p><b>HazCom Man:</b></p> <p>Now let's add those chemicals that cause <b>health</b> hazards.</p>
<p>Add a data table of chemicals that cause health hazards. (Ask writer for this table.) The row labeled "corrosives" should be highlighted.</p>	<b>B</b>	<p>Such chemicals may be corrosives such as sulfuric acid, that actually destroy or eat away living tissue,...</p>
<p>Highlight the row labeled "target-organ chemicals" on the table.</p>	<b>C</b>	<p>...target-organ chemicals which affect specific organs or body systems,...</p>
<p>Highlight the row labeled "carcinogen" on the table.</p>	<b>D</b>	<p>...or carcinogens, such as asbestos, which may cause cancer.</p>
	<b>E</b>	<p><b>HazCom-puter:</b></p> <p>Uploading health hazard database now. Please click "NEXT" to continue.</p>
NEXT = L2/F6		

PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>Background graphic is the same laboratory in previous frame.</p> <p>Now there is a container of liquid sitting in front of Hazie's nose, within sniffing distance.</p> <p>The standard teleprompter box shows character Audio Text.</p>	<b>A</b>	<p><b><i>HazCom Man:</i></b></p> <p>Now for our calibration step. Let's make sure your nose can register the scent of the known chemicals in your database, Hazie.</p>
<p>ANIMATION: Hazie opens her jaws and barks.</p>	<b>B</b>	<p><b><i>Hazie (with a very urgent bark):</i></b></p> <p>Aarf! Aarf! Aarf!</p>
	<b>C</b>	<p><b><i>HazCom Man:</i></b></p> <p>What's that Hazie? Oh of course! Our television viewers should NEVER try this scent test. It is dangerous and should only be performed by specially trained Robodogs like you Hazie.</p>
<p>NEXT = L2/F7</p>		

PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>Background graphic is the same laboratory in previous frame.</p> <p>Now the computer shows the TEXT “Pathways Through the Body” and ANIMATION 1 of vapors being inhaled through the nose and mouth. (Ask writer for this diagram).</p> <p>The standard teleprompter box shows character Audio Text.</p>	<b>A</b>	<p><b><i>HazCom Man:</i></b></p> <p>In fact...inhalation through the nose and mouth is one of the primary routes through which hazardous chemicals may enter the body and cause harm.</p>
<p>Replace the previous animation with ANIMATION 2: Chemicals passing through the skin and entering the blood stream. (Ask writer for this diagram.)</p>	<b>B</b>	<p>The other routes are absorption through the skin and...</p>
<p>Replace the previous animation with ANIMATION 3: Chemicals being swallowed and traveling through the esophagus. (Ask writer for this diagram.)</p>	<b>C</b>	<p>...ingestion through the mouth.</p>
<p>NEXT = L2/F8</p>		

PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>Background graphic is the same laboratory in previous frame.</p> <p>Now the computer shows the TEXT “Chemical Hazards Come in Many Forms”</p> <p>The standard teleprompter box shows character Audio Text.</p>	<b>A</b>	<p><b><i>HazCom Man:</i></b></p> <p>And chemicals can enter the body in many different forms including...</p>
Add GRAPHIC 1: An open container with vapors floating up from it.	<b>B</b>	...gases and vapors,...
Add GRAPHIC 2: A hand spraying mist from a spray bottle.	<b>C</b>	...mists, sprays, and fogs,...
Add GRAPHIC 3: A hand sanding a hazardous metal, showing dust particles in the air.	<b>D</b>	...dusts,...
Add GRAPHIC 4: Smoke rising from a hazardous material container.	<b>E</b>	...smoke,...
Add GRAPHIC 5: Glass beaker of brightly colored liquid.	<b>F</b>	...and liquid.
ANIMATION of HazCom Man petting Hazie on the head and Hazie wagging her tail.	<b>G</b>	<p>Now Hazie, let’s begin the calibration so we can make sure you’re in tip-top shape. That way we can continue our tradition of helping to prevent chemical hazards in the workplace.</p>
NEXT = L2/F9		

PROGRAMMING & GRAPHICS		AUDIO & TRANSCRIBED TEXT
<p>Background graphic is the same galaxy as in L2/F1, but now there is TEXT that says "THE END".</p> <p>The standard teleprompter box shows character Audio Text.</p>	<b>A</b>	<p><b>Generic Announcer:</b></p> <p>And so we leave our heros for now as they prepare for yet another mission on planet HazChem. But we'll be back later to watch them battle more (<b>dramatically</b>) chemical hazards in the work place.</p>
<p>Show TEXT PROMPT: Select another Channel now.</p> <p>Make the light go out on Channel 2 since the user has just finished that lesson.</p>		
<p>The student may select a new TV Channel directly from this frame.or they may select NEXT to return to the Main Menu on L0/F1. If they select NEXT do not replay the main menu introduction again.</p>		