Jun	e 2019 :	Hazard Comm	unication				
	LOCATI	ON NAME	PHYSICAL ADD	PRESS	NEARTEST CITY	STATE	ZIP
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	Chack	the following to inc	licate completion and ide	antifu any athar a			
		_	-			seu or rejeren	ceu.
	Review and discuss OSHA Quick Card Publications on Pictograms, Labels and Safety Data Sheets (SDSs) Inspect chemical storage and discard/replace any unlabeled or unreadably-labeled containers (follow applicable disposal procedures)						
	Demonstrate where and how to access Hi-Speed's SDSs.						
	Select <u>4</u> frequently used chemicals, then review <u>Labels for 2</u> and <u>SDSs for the other 2</u> (report to safety coordinator if SDS is missing). List chemicals for which <u>Labels</u> are being reviewed, and highlight pictograms, signal words, hazard and precautionary statements.						
	List chemica	ils for which <u>Labels</u> are	e being reviewed, and highli	ght pictograms, sign	nal words, hazard and pred	cautionary state	ements.
1 2							
	List chemica	uls here for which the S	SDSs are being reviewed, an	d highlight pertinen	t information in each of th	e 16 sections:	
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	SUPERVIS	OR/FACILITATOR'S	NAME	Sígnati	rure	DAT	E





Hazard Communication Standard Pictogram

The Hazard Communication Standard (HCS) requires pictograms on labels to alert users of the chemical hazards to which they may be exposed. Each pictogram consists of a symbol on a white background framed within a red border and represents a distinct hazard(s). The pictogram on the label is determined by the chemical hazard classification.

HCS Pictograms and Hazards

Health Hazard Flame Exclamation Mark Carcinogen Hammables Irritant (skin and eye) Mutagenicity • Pyrophorics Skin Sensitizer • Reproductive Toxicity Self-Heating Acute Toxicity (harmful) • Respiratory Sensitizer • Emits Flammable Gas Narcotic Effects • Target Organ Toxicity Self-Reactives Respiratory Tract Aspiration Toxicity • Organic Peroxides Irritant Hazardous to Ozone Layer (Non-Mandatory) Gas Cylinder **Corrosion Exploding Bomb** • Skin Corrosion/ Explosives Gases Under Pressure Burns Self-Reactives Organic Peroxides Eye Damage Corrosive to Metals Flame Over Circle Skull **Environment** and Crossbones (Non-Mandatory) Oxidizers Aquatic Toxicity Acute Toxicity (fatal or toxic)

For more information:







Hazard Communication Standard Labels

Supplemental information can also be provided on the hazardous chemicals under its Hazard Communication identification. A sample revised HCS label, identifying pictograms, a signal word, hazard and precautionary OSHA has updated the requirements for labeling of the required label elements, is shown on the right. statements, the product identifier, and supplier Standard (HCS). All labels are required to have abel as needed.



Occupational Safety and Health Administration For more information:

U.S. Department of Labor WWW. osha.gov (800) 321-OSHA (6742)

Hazard Pictograms	
Product Identifier	Supplier Identification
lame	Company Name Street Address City Postal Code Emergency Phone Number
CODE Product Name	Company Name_ Street Address_ City Postal Code Emergency Phon

SAMPLE LABEI

May cause liver and kidney damage. Highly flammable liquid and vapor. **Precautionary Statements**

Take precautionary measures against static discharge. Ground and bond container and receiving equipment.

Use explosion-proof electrical equipment.

Only use non-sparking tools

Keep away from heat/sparks/open flame. No smoking.

Keep container tightly closed. Store in a cool,

well-ventilated place that is locked.

Statements Hazard

Signal Word

Supplemental Information

Directions for Use

Lot Number: Fill Date: Expiration Date: Gross weight: Fill weight:

In Case of Fire: use dry chemical (BC) or Carbon Dioxide (CO2)

fire extinguisher to extinguish.

Dispose of in accordance with local, regional, national

Wash hands thoroughly after handling. international regulations as specified.

Do not eat, drink or smoke when using this product.

Wear protective gloves. Do not breathe vapors.

If on skin (or hair): Take off immediately any contaminated clothing. Rinse skin with water. If exposed call Poison Center.



Hazard Communication Safety Data Sheets

The Hazard Communication Standard (HCS) requires chemical manufacturers, distributors, or importers to provide Safety Data Sheets (SDSs) (formerly known as Material Safety Data Sheets or MSDSs) to communicate the hazards of hazardous chemical products. The HCS requires new SDSs to be in a uniform format, and include the section numbers, the headings, and associated information under the headings below:

Section 1, Identification includes product identifier; manufacturer or distributor name, address, phone number; emergency phone number; recommended use; restrictions on use.

Section 2, Hazard(s) identification includes all hazards regarding the chemical; required label elements.

Section 3, Composition/information on ingredients includes information on chemical ingredients; trade secret claims.

Section 4, First-aid measures includes important symptoms/effects, acute, delayed; required treatment.

Section 5, Fire-fighting measures lists suitable extinguishing techniques, equipment; chemical hazards from fire.

Section 6, Accidental release measures lists emergency procedures; protective equipment; proper methods of containment and cleanup.

Section 7, Handling and storage lists precautions for safe handling and storage, including incompatibilities.

(Continued on other side)

For more information:





Hazard Communication Safety Data Sheets

Section 8, Exposure controls/personal protection lists OSHA's Permissible Exposure Limits (PELs); ACGIH Threshold Limit Values (TLVs); and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the SDS where available as well as appropriate engineering controls; personal protective equipment (PPE).

Section 9, Physical and chemical properties lists the chemical's characteristics.

Section 10, Stability and reactivity lists chemical stability and possibility of hazardous reactions.

Section 11, Toxicological information includes routes of exposure; related symptoms, acute and chronic effects; numerical measures of toxicity.

Section 12, Ecological information*

Section 13, Disposal considerations*

Section 14, Transport information*

Section 15, Regulatory information*

Section 16, Other information, includes the date of preparation or last revision.

*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(g)(2)).

Employers must ensure that SDSs are readily accessible to employees.

See Appendix D of 29 CFR 1910.1200 for a detailed description of SDS contents.

For more information:

