

**June 2019: Hazard Communication**

|               |                  |              |       |     |
|---------------|------------------|--------------|-------|-----|
|               |                  |              |       |     |
| LOCATION NAME | PHYSICAL ADDRESS | NEAREST CITY | STATE | ZIP |

**PRINTED NAME** (include company name if subcontractor)

**NOMBRE EN LETRA IMPRENTA** (si es subcontratista, incluya el nombre de la compañía)

*Signature / Firma*

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use p.2 for additional participants

**Check the following to indicate completion and identify any other activities or resources used or referenced.**

- ☐ 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 **4** frequently used chemicals, then review **Labels for 2** and **SDSs for the other 2** (report to safety coordinator if SDS is missing).

 List chemicals for which **Labels** are being reviewed, and highlight pictograms, signal words, hazard and precautionary statements.

1 \_\_\_\_\_

2 \_\_\_\_\_

 List chemicals here for which the **SDSs** are being reviewed, and highlight pertinent information in each of the 16 sections:

3 \_\_\_\_\_

4 \_\_\_\_\_

SUPERVISOR/FACILITATOR'S NAME

*Signature*










DATE



## 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

|                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Health Hazard</b><br><br><ul style="list-style-type: none"> <li>• Carcinogen</li> <li>• Mutagenicity</li> <li>• Reproductive Toxicity</li> <li>• Respiratory Sensitizer</li> <li>• Target Organ Toxicity</li> <li>• Aspiration Toxicity</li> </ul> | <b>Flame</b><br><br><ul style="list-style-type: none"> <li>• Flammables</li> <li>• Pyrophorics</li> <li>• Self-Heating</li> <li>• Emits Flammable Gas</li> <li>• Self-Reactives</li> <li>• Organic Peroxides</li> </ul> | <b>Exclamation Mark</b><br><br><ul style="list-style-type: none"> <li>• Irritant (skin and eye)</li> <li>• Skin Sensitizer</li> <li>• Acute Toxicity (harmful)</li> <li>• Narcotic Effects</li> <li>• Respiratory Tract Irritant</li> <li>• Hazardous to Ozone Layer (Non-Mandatory)</li> </ul> |
| <b>Gas Cylinder</b><br><br><ul style="list-style-type: none"> <li>• Gases Under Pressure</li> </ul>                                                                                                                                                 | <b>Corrosion</b><br><br><ul style="list-style-type: none"> <li>• Skin Corrosion/ Burns</li> <li>• Eye Damage</li> <li>• Corrosive to Metals</li> </ul>                                                                | <b>Exploding Bomb</b><br><br><ul style="list-style-type: none"> <li>• Explosives</li> <li>• Self-Reactives</li> <li>• Organic Peroxides</li> </ul>                                                                                                                                            |
| <b>Flame Over Circle</b><br><br><ul style="list-style-type: none"> <li>• Oxidizers</li> </ul>                                                                                                                                                       | <b>Environment (Non-Mandatory)</b><br><br><ul style="list-style-type: none"> <li>• Aquatic Toxicity</li> </ul>                                                                                                        | <b>Skull and Crossbones</b><br><br><ul style="list-style-type: none"> <li>• Acute Toxicity (fatal or toxic)</li> </ul>                                                                                                                                                                        |

For more information:



U.S. Department of Labor



**OSHA<sup>®</sup>**

**Occupational  
Safety and Health  
Administration**

[www.osha.gov](http://www.osha.gov) (800) 321-OSHA (6742)



## 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:



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## 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:



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