



# **GLOBALLY HARMONIZED SYSTEM SOLUTIONS**

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## GHS LEARNING CENTER



### Your Hazard Communication Journey Starts Here

Companies that handle hazardous chemicals want to know exactly what GHS is and how it will affect the way they do business. For good reason: OSHA's updated Hazard Communication regulation means different requirements around chemical labeling and mandatory employee training.

With major changes underway, you want to turn to one source to guide you along your Hazard Communication journey. As your trusted business advisor for nearly 100 years, Brady has the information you need, as well as a plethora of products and valuable services to help you transition to the new system and stay compliant.

### What is GHS?

**GHS = Globally Harmonized System of Classification & Labeling of Chemicals**

GHS is a system that's been created by the United Nations for standardizing the classification and labeling of chemicals throughout the world. In the United States, OSHA is enforcing GHS by adopting it into its Hazard Communication Standard by:

- Defining environmental, physical, and health hazards from chemicals
- Communicating these hazards and protective measures on labels and safety data sheets

» Under the GHS format, labels will include signal words, pictograms, and hazard and precautionary statements.

### Use the following check-list to get GHS compliant!

Chemical manufacturers, importers, distributors, and employers have until 2016 to fully comply with OSHA's updated Hazard Communication regulation (29 CFR 1910.1200).

- **Dec. 1, 2013:** All employees must be trained on label requirements and safety data sheet format
- **June 1, 2015:** Chemical manufacturers must comply with all final rule provisions
- **Dec. 1, 2015:** Chemical distributors must ship containers using GHS-compliant labels
- **June 1, 2016:** Workplace employers must update labeling and HazCom programs as needed; and provide training for newly identified hazards

### Why does GHS matter?

#### Chemical import/export means big business

Globally, the production and use of chemicals is a more than \$1.7 trillion per year enterprise (\$400 billion in the US alone). With such an impact on the world economy, it's critical that the import and export of chemicals be made as safe and efficient as possible. The GHS standard globally helps keep workers safe and informed of chemical hazards.

### How does the GHS standard impact you?

#### New labels & safety data sheets required

Per OSHA's updated Hazard Communication regulation, chemical manufacturers and importers must evaluate chemical hazards and make sure they are communicated properly. Employees must be educated so they understand the hazards and new labeling requirements.

» Under the GHS standard, all Safety Data Sheets (SDS) have been updated to a new 16-section format.

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## Six elements of the new Globally Harmonized Standard (GHS) label format

Want to know if your absorbent is working for you? Start at the end, in the trash. One of the best ways to pick the right absorbent is to see what it looks like when you're done with it.



### 1. Signal Word:

Indicates relative level of hazard. "Danger" is used for most severe instances, while "Warning" is less severe.

### 2. Symbols (Hazard Pictograms):

Convey health, physical and environmental hazard information with red diamond pictograms. May use a combination of one to five symbols.

### 3. Product Name or Identifiers\*

### 4. Hazard Statements:

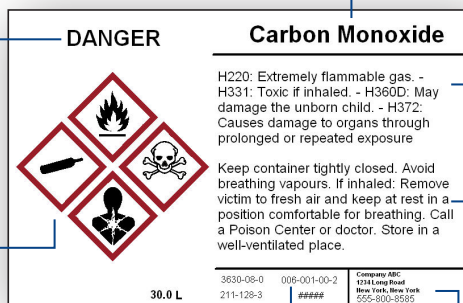
Phrases that describe the nature of hazardous products and oftentimes the degree of hazard.

### 5. Precautionary Statements:

Phrases associated with each hazard statement, that describe general preventative, response, storage or disposal precautions.

### 6. Manufacturer Information:

Company name, address & telephone number.



\* Additional Product Identifiers

## GHS pictogram symbols and hazard classes

The new GHS symbols, also known as hazard pictograms, will be used to identify hazardous products and are commonly grouped by chemical/physical risk, health risk and environmental risk.

Chemical / Physical Risk				
<b>GHS Explosive</b> Explosives, self-reactives, organic peroxides	<b>GHS Gas Pressure</b> Gases under pressure	<b>GHS Oxidizing</b> Oxidizers	<b>GHS Flammable</b> Flammable gases, liquids, & solids; self-reactives; pyrophorics; self-heating	<b>GHS Corrosive</b> Corrosives
Health Risk				Environmental Risk
<b>GHS Corrosive</b> Corrosives	<b>GHS Severe Toxic</b> Acute toxicity (severe)	<b>GHS Acute Toxic</b> Irritant, dermal sensitizer, acute toxicity (harmful)	<b>GHS Health Danger</b> Carcinogens, respiratory sensitizers, reproductive toxicity, target organ toxicity, germ cell mutagens	<b>GHS Environmental</b> Aquatic toxicity



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## BBP®31 & 33 SIGN AND LABEL PRINTER



### BBP®31 & 33 Sign and Label Printer

New pre-printed, pre-cut labels for BBP®31 and 33 Sign and Label Printer allow you to create two-color GHS labels in one print pass. All you need are the supplies below.

- Blank labels with pre-printed red diamonds for two-color GHS labels in one print pass
- Three label sizes, each with six-diamond layouts
- Indoor/outdoor vinyl material withstands exposure to moisture, chemicals, and handling

Service temp: -4°F to 180°F Application temp: 50°F to 180°F Average Outdoor Durability: 3-5 years

Catalog #	Description
BBP31	BBP31 Sign & Label Maker
B30KIT-ARCFASH-WL	ARC FLASH SUPPLY START KIT LARGE
B30KIT-ARCFASH-WS	ARC FLASH SUPPLY START KIT SMALL
B30KIT-BSTARTER	BASIC SUPPLY STARTER KIT
B30KIT-GAUGELS	GAUGE LABELS SUPPLY KIT
B30KIT-GENIND	GEN ID SUPPLY KIT
B30KIT-GHS-L	GHS LABELS SUPPLY KIT LARGE
B30KIT-GHS-S	GHS LABELS SUPPLY KIT SMALL
B30KIT-LEANWW	LEAN VISUAL WORKPLACE SUPPLY KIT
B30KIT-PIPE	PIPE ID SUPPLY KIT
B30KIT-SFTY	SAFTY SUPPLY KIT

\* BBP31 Sign & Label Printer ships with printer, power cord, USB cable, drivers CD, stylus, cleaning kit, cutter cleaning tool, quick start guide and documentation holder.

Catalog #	Description
BBP33-C	BBP®33 Label Printer with Auto cutter, LabelMark™6 Software

Fits Printer Model(s)	Diagram	Catalog #	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP31 & 33		B30-260-7569-CLP1	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31 & 33		B30-261-7569-CLP1	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31 & 33		B30-262-7569-CLP1	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP31 & 33		B30-260-7569-CLP2	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31 & 33		B30-261-7569-CLP2	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31 & 33		B30-262-7569-CLP2	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP31 & 33		B30-260-7569-CLP3A	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31 & 33		B30-261-7569-CLP3A	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31 & 33		B30-262-7569-CLP3A	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP31 & 33		B30-260-7569-CLP3B	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31 & 33		B30-262-7569-CLP3B	2.950 (75.0)	4.330 (110.0)	1	200	B30-R10000
BBP31 & 33		B30-261-7569-CLP3B	4.130 (105.0)	6.100 (155.0)	1	270	B30-R10000
BBP31 & 33		B30-260-7569-CLP4A	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31 & 33		B30-261-7569-CLP4A	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31 & 33		B30-262-7569-CLP4A	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP31 & 33		B30-260-7569-CLP4B	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP31 & 33		B30-261-7569-CLP4B	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP31 & 33		B30-262-7569-CLP4B	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000

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## BBP®37 COLOR AND CUT SIGN & LABEL PRINTER



Catalog #	Description
BBP37	BBP37 Color & Cut Sign & Label Printer

### Brady WorkStation has a GHS Label App!

- Built-in pre-formatted label layouts and approved GHS symbols
- Pre-worded hazard statements and GHS symbols that just click and drag into the layout (no need to type everything in)
- Once you create a label, the data is there and you can print any size with only a single click
- Automatic "block-out" of unused diamonds on pre-printed supplies so you can inventory fewer label rolls
- No driver needed when connected to a Brady BBP®35, 37, 31, 33 or 85 printer



### BBP®37 color and cut sign & label printer

Brady's BBP®37 color and cut sign and label printers give you the power to make signs and labels in the colors and shapes you need to make an impact – right at your own facility and right when you need them.

- Blank labels with pre-printed red diamonds allow the printer to produce 2-color GHS / CLP labels in one print pass
- 3 sizes of labels, each with 6 diamond layouts that match templates in the Brady Workstation GHS App
- Indoor/outdoor vinyl material and durable inks withstand exposure to moisture, chemicals and handling
- You can also make GHS labels with white tape and black/red ribbon to reduce your supply inventory

Service Temp: -4°F to 180°F Application Temp: 50°F to 180°F Average Outdoor Durability: 3-5 years

Fits Printer Model(s)	Diagram	Catalog #	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Roll	Rec. Ribbon
BBP37		B30-260-7569-CLP1	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP37		B30-261-7569-CLP1	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP37		B30-262-7569-CLP1	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP37		B30-260-7569-CLP2	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP37		B30-261-7569-CLP2	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP37		B30-262-7569-CLP2	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP37		B30-260-7569-CLP3A	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP37		B30-261-7569-CLP3A	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP37		B30-262-7569-CLP3A	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP37		B30-260-7569-CLP3B	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP37		B30-262-7569-CLP3B	2.950 (75.0)	4.330 (110.0)	1	200	B30-R10000
BBP37		B30-261-7569-CLP3B	4.130 (105.0)	6.100 (155.0)	1	270	B30-R10000
BBP37		B30-260-7569-CLP4A	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP37		B30-261-7569-CLP4A	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP37		B30-262-7569-CLP4A	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000
BBP37		B30-260-7569-CLP4B	2.170 (55.0)	3.350 (85.0)	1	340	B30-R10000
BBP37		B30-261-7569-CLP4B	2.950 (75.0)	4.330 (110.0)	1	270	B30-R10000
BBP37		B30-262-7569-CLP4B	4.130 (105.0)	6.100 (155.0)	1	200	B30-R10000

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## PRE-PRINTED GHS PICTOGRAM LABELS



### Pre-Printed GHS Pictogram Labels

The GHS pictogram labels are offered on die-cut sheets in a variety of sizes. These nine pictogram formats are in accordance with the classification system used on GHS labels and safety data sheets.

- Three size options: 5/8", 1", and 2"
- Offered in two materials: B7569 Vinyl and B235 Coated Paper

Legend	Catalog #	Size	Material	Qty.	Legend	Catalog #	Size	Material	Qty.
<b>Flammable B-7569 Vinyl</b>					<b>Corrosive B-235 Paper</b>				
	118821	5/8"	B-7569 Vinyl	39/card		118893	5/8"	B-235 Paper	39/card
	118822	1"	B-7569 Vinyl	16/card		118894	1"	B-235 Paper	16/card
	118823	2"	B-7569 Vinyl	4/card		118895	2"	B-235 Paper	4/card
<b>Flammable B-235 Paper</b>					<b>Severe Toxic B-7569 Vinyl</b>				
	118875	5/8"	B-235 Paper	39/card		118845	5/8"	B-7569 Vinyl	39/card
	118876	1"	B-235 Paper	16/card		118846	1"	B-7569 Vinyl	16/card
	118877	2"	B-235 Paper	4/card		118847	2"	B-7569 Vinyl	4/card
<b>Explosive B-7569 Vinyl</b>					<b>Severe Toxic B-235 Paper</b>				
	118815	5/8"	B-7569 Vinyl	39/card		118899	5/8"	B-235 Paper	39/card
	118816	1"	B-7569 Vinyl	16/card		118900	1"	B-235 Paper	16/card
	118817	2"	B-7569 Vinyl	4/card		118901	2"	B-235 Paper	4/card
<b>Explosive B-235 Paper</b>					<b>Health Danger B-7569 Vinyl</b>				
	118869	5/8"	B-235 Paper	39/card		118851	5/8"	B-7569 Vinyl	39/card
	118870	1"	B-235 Paper	16/card		118852	1"	B-7569 Vinyl	16/card
	118871	2"	B-235 Paper	4/card		118853	2"	B-7569 Vinyl	4/card
<b>Oxidizing B-7569 Vinyl</b>					<b>Health Danger B-235 Paper</b>				
	118827	5/8"	B-7569 Vinyl	39/card		118903	5/8"	B-235 Paper	39/card
	118828	1"	B-7569 Vinyl	16/card		118904	1"	B-235 Paper	16/card
	118829	2"	B-7569 Vinyl	4/card		118902	2"	B-235 Paper	4/card
<b>Oxidizing B-235 Paper</b>					<b>Acute Toxic B-7569 Vinyl</b>				
	118881	5/8"	B-235 Paper	39/card		118857	5/8"	B-7569 Vinyl	39/card
	118882	1"	B-235 Paper	16/card		118858	1"	B-7569 Vinyl	16/card
	118883	2"	B-235 Paper	4/card		118859	2"	B-7569 Vinyl	4/card
<b>Gas Pressure B-7569 Vinyl</b>					<b>Acute Toxic B-235 Paper</b>				
	118833	5/8"	B-7569 Vinyl	39/card		118911	5/8"	B-235 Paper	39/card
	118834	1"	B-7569 Vinyl	16/card		118912	1"	B-235 Paper	16/card
	118835	2"	B-7569 Vinyl	4/card		118913	2"	B-235 Paper	4/card
<b>Gas Pressure B-235 Paper</b>					<b>Environmental B-7569 Vinyl</b>				
	118885	5/8"	B-235 Paper	39/card		118863	5/8"	B-7569 Vinyl	39/card
	118886	1"	B-235 Paper	16/card		118864	1"	B-7569 Vinyl	16/card
	118884	2"	B-235 Paper	4/card		118865	2"	B-7569 Vinyl	4/card
<b>Corrosive B-7569 Vinyl</b>					<b>Environmental B-235 Paper</b>				
	118839	5/8"	B-7569 Vinyl	39/card		118917	5/8"	B-235 Paper	39/card
	118840	1"	B-7569 Vinyl	16/card		118918	1"	B-235 Paper	16/card
	118841	2"	B-7569 Vinyl	4/card		118919	2"	B-235 Paper	4/card





In accordance with the GHS standard, the formerly used Material Safety Data Sheets (MSDS) are now referred to as Safety Data Sheets (SDS). Brady's SDS Binders have been updated to reflect the change in terminology and the new 16-section format.

Our binder centers incorporate the new SDS Binders with a "Right to Know Compliance Center" backboard and wire rack. These highly visible centers are a great place to store your SDS so they are easily accessible to all employees.



SDS Binders:

- Offered in three versions: English, English/Spanish, and English/French
- Available in two sizes: 1.5" spine and 3" spine
- Binders come standard with a chain and pair of sheet lifters

Catalog #	Description
121370	SDS Center – English
121371	SDS Center – English/Spanish



SDS Binders Centers:

- Contents include a 1.5" SDS binder, "Right to Know Compliance Center" backboard, and yellow wire rack
- Offered in two versions: English and Spanish
- Center size: 20" H x 14" W x 4.5" D

Catalog #	Description
121183	1.5" SDS Binder, English
121184	3" SDS Binder, English
121185	1.5" SDS Binder, English/Spanish
121186	3" SDS Binder, English/Spanish
121187	3" SDS Binder, English/French



## CONTACT US

Brady's global presence makes it easy for you to do business with us wherever you are. To find out more about Brady and our products, please visit us at [www.bradyd.com.sg](http://www.bradyd.com.sg) or email us at [ContactUs\\_SA@bradycorp.com](mailto:ContactUs_SA@bradycorp.com).

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